

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.47

# Seed Annual

## 1920



LIBRARY  
RECEIVED  
★ FEB 16 1920  
U.S. Department of Agriculture

IMPROVED  
EXCELSIOR TOMATO  
PACKET 10¢  
½ OZ. 20¢

**ST. LOUIS SEED COMPANY**  
THE HOME OF "PURE AND SURE" SEEDS  
411-413 Washington Ave. ST. LOUIS, MO.



# Make Sure, Doubly Sure, of The Quality of Your Seeds

**T**HE difference in purchase price between reliable seeds and the veriest trash is not worth thinking about. Your experienced seed buyer thinks only of quality and still more quality. For he realizes the amount of work and expense he will have to invest on top of the insignificant first cost of the seed.

He knows—out of bitter experience—that no amount of work, no amount of care, can make inferior seed bring first class results.

No one can tell in advance, by inspection or any other means, the pure and sure seed from the irresponsible and the unreliable seed. Only time can do that. But there is a way to make reasonably certain what time is going to tell you—and that way is to buy your seeds from a house of reputation like ourselves, a house whose seeds are tested, who cannot afford to deal in any but the best.

For fifteen years we have enjoyed an ever-widening circle of confidence in every state in the country. The longer you deal with us the more confidence you will have in the supreme quality of our tested seeds.

We can meet all competition in quality—we do not care to meet the price competition of irresponsible seed growers and dealers. We know what quality seed is worth and ask only a reasonable price. We also know what inferior seed is worth—and we don't want to handle it at any price.

So do not be penny wise and pound foolish, do not throw away a whole season's time and a season's labor for the sake of a few cents now. There is only one way to buy seeds. Come to a reliable house who have a reputation to sustain, who insist on quality from first to last, no matter what trouble and care is needed to make it certain.

One word more. If you wish any real advice or planting information, write to us without hesitation or obligation of any kind. Our years of experience have given us a world of information for you to use, regardless of whether you are buying from us or not. Remember it is just as expensive to use good seed in a wrong way as to use bad seed in any way.

## **ST. LOUIS SEED COMPANY**

*The Home of "Pure and Sure" Seeds.*

**411-413 WASHINGTON AVE. :: ST. LOUIS, MO.**

**Notice.**—The classified index of the contents of this catalog will be found on page 128.





# General Information and Suggestions to Customers

We deliver free in U. S. by Parcel Post all **VEGETABLE SEEDS** and **FLOWER SEEDS** quoted in this catalogue by the packet, ounce and quarter-pound.

**PURCHASER PAYS TRANSPORTATION** on Trees, Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by lb., gallon, peck and bushel, Bulbs except where specified.

## ORDER EARLY

We wish to impress upon you the advantage of early ordering. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

## REMITTANCES

Remittances should be made by post office, express money orders or bank drafts. This will insure prompt filling of your order.

## GENERAL TERMS OF BUSINESS

Our terms are cash with order. You are perfectly safe in sending remittance with order. Your Banker or any commercial agency will inform you as to our standing and reliability.

If goods are desired C. O. D. partial remittance must be made to guarantee acceptance. No perishable goods such as plants, etc., will be sent C. O. D.

All prices in this catalog are net and not subject to any discount. All prices are subject to change without notice.

We make no charge for boxes or packing or for delivery to freight or express depots in St. Louis, except on bags for field seeds where a charge of 65c for each seamless bag must be made.

When goods are not marked post-paid, postage must be included to cover parcel post charges, if wanted sent that way.

## LOW RATES FROM ST. LOUIS

Situated in the very center of the country, served by practically all the great railroad lines and Mississippi River, and our prompt and careful attention to orders, insures the prompt delivery of your goods.

**PARCEL POST**—Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

## NON-WARRANTY

We wish it to be distinctly understood that although we take all possible pains to supply only New, Genuine and Unadulterated Seeds, Plants and Bulbs, we still give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop. Every order received for articles named in this Catalogue will be executed on these conditions only.

If these conditions are not acceptable to the purchaser, goods may be returned.

## PARCEL POST RATES FROM ST. LOUIS

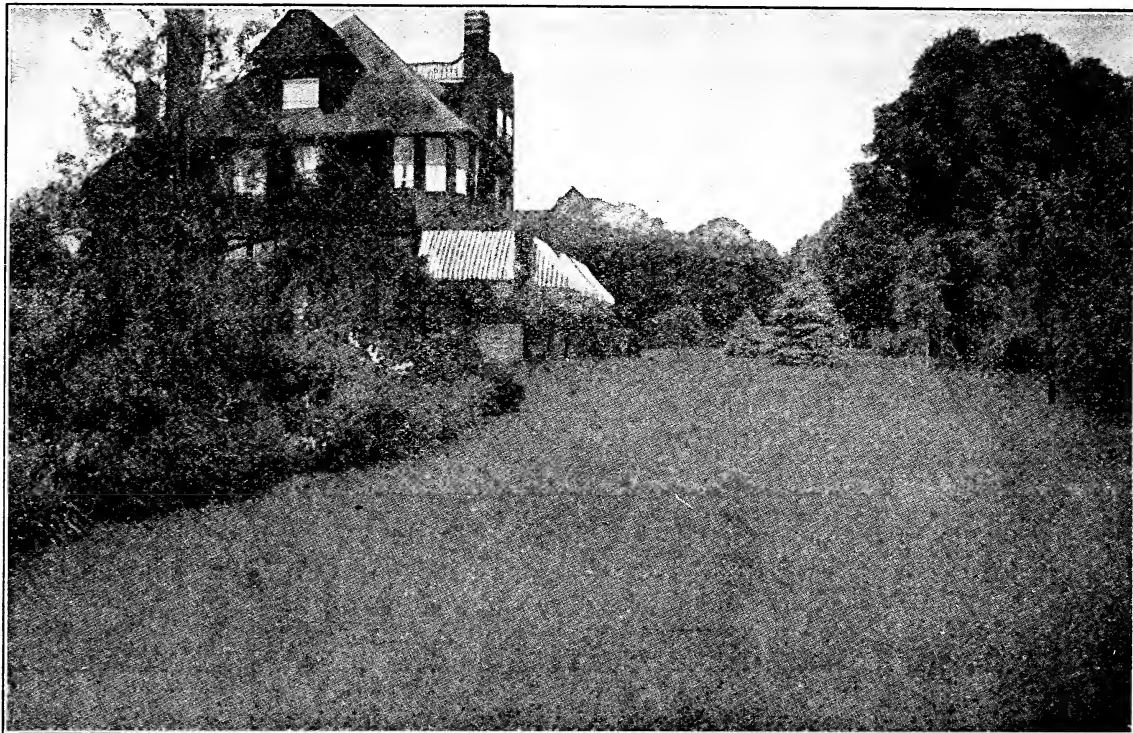
United States Parcel Post Rates (Seeds, plants and bulbs included)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 84 inches (length and girth combined.)
Local Rate.....	\$0.05	\$0.00 ½	Limit of weight this zone, 50 lbs.
1st Zone, within 50 miles of St. Louis.....	.05	.01	Limit of weight this zone, 50 lbs.
2d Zone, over 50 and under 150 miles of St. Louis..	.05	.01	Limit of weight this zone, 20 lbs.
3d Zone, over 150 and under 300 miles of St. Louis..	.06	.02	Limit of weight this zone, 20 lbs.
4th Zone, over 300 and under 600 miles of St. Louis..	.07	.04	Limit of weight this zone, 20 lbs.
5th Zone, over 600 and under 1000 miles of St. Louis..	.08	.06	Limit of weight this zone, 20 lbs.
6th Zone, over 1000 and under 1400 miles of St. Louis..	.09	.08	Limit of weight this zone, 20 lbs.
7th Zone, over 1400 and under 1800 miles of St. Louis..	.11	.10	Limit of weight this zone, 20 lbs.

All small Parcel Post packages (seeds, plants and bulbs included), weighing 8 ounces or less can be sent at the special rate of 1 cent for each 2 ounces or fraction to all parts of the United States. (Over 8 ounces must be sent at Parcel Post rates.)

Kindly Remit for Postage when it is necessary.



# SOW HAVALAWN GRASS SEED



**A BEAUTIFUL, SMOOTH, VELVETY, GREEN LAWN**

IS CERTAIN BY SOWING

**ST. LOUIS SEED CO. HAVALAWN GRASS SEED**

**ESPECIALLY ADAPTED TO THIS LOCALITY AND WILL INSURE A FINE VELVETY LAWN**

**IS PROCURABLE ONLY FROM US. EVERY PACKAGE BEARS OUR GREEN LABEL.  
NO OTHER IS GENUINE, AND WE WILL PROSECUTE ALL INFRINGEMENTS.**

## **HAVALAWN MIXTURE**

**MIXED OF SELECTED GRASSES. FREE FROM WEEDS. HIGHEST PERCENTAGE OF GERMINATION.**

To insure a perfect lawn, there are several requisites: a good depth of rich soil, properly drained, a liberal dressing of good fertilizer; a firm smooth surface upon which to sow the seed and Havalawn Grass Seed. The latter item is of the greatest importance.

Havalawn is a mixture of the hardiest grasses that enter into any grass seed mixture. Havalawn insures a steady succession of growth—there will be no break in the richness of the verdure from Spring until winter.

Its success has best proved its quality. Havalawn is the one perfect lawn seed. Havalawn provides that velvety, smooth green lawn that wins the admiration of all who see it for it is mixed from the seeds that produce the best lawns.

Year after year, a steady demand for Havalawn has made it stand out as the one real mixture. Its component parts are such seeds as help build a deep-rooted soil; that come up quickly to start the lawn; that keep the smooth lawn fresh and bright all through the summer. Only seeds that produce fine velvety lawns are used. Timothy and orchard grass are excluded on account of their coarseness.

Don't take a chance this spring with cheap grass seed or you will have more weeds than grass. Remember, Havalawn is all reclaimed seed and you know when you plant Havalawn that you will have a lawn of which you can be proud.

Every package of Havalawn bears our green label. There is none genuine without it. Havalawn can only be secured from us.

**Price: Lb., 45c; ¼ bu. (7 lbs.), \$2.75; 1 bu. (14 lbs.), \$5.50.**

**A SMOOTH LAWN AND FLOWERS WILL ADD MUCH BEAUTY TO YOUR HOME**



Many have undertaken the pleasure of gardening and are not acquainted with the several varieties of vegetables which we list in the catalog. To them, these collections will reduce the worry of trying to pick the most suitable varieties. They consist of the most popular vegetables and not only are they of the highest grade seed but also are real bargains.

## OUR "SUPERIOR" COLLECTION

FOR 50c POSTPAID

12 PACKETS—FOR GARDEN 20x20

SUPERIOR COLLECTION 70c. VALUE FOR 50c.

- 1 pkt. Beans, Bountiful
- 1 pkt. Beets, Perfection
- 1 pkt. Carrots, Half Long
- 1 pkt. Lettuce, Prize Head
- 1 pkt. Lettuce, Big Boston
- 1 pkt. Parsley, Curled

- 1 pkt. Peas, Alaska
- 1 pkt. Swiss Chard
- 1 pkt. Sweet Corn, Golden Bantam
- 1 pkt. Radish, Fire Ball
- 1 pkt. Radish, Icicle
- 1 pkt. Tomato, Improved Excelsior

## "PURE AND SURE" COLLECTION

FOR \$1.00 POSTPAID

14 VARIETIES

"PURE AND SURE" COLLECTION \$1.50 VALUE FOR \$1.00.

- ¼ lb. Beans, Bountiful
- ¼ lb. Peas, American Wonder
- 1 oz. Beets, Early Egyptian
- 1 oz. Swiss Chard
- 1 oz. Carrot, Danvers
- 1 oz. Radish, Fire Ball
- 1 oz. Radish, Icicle

- ¼ lb. Sweet Corn, Evergreen
- ½ oz. Lettuce, Prize Head
- 1 oz. Spinach, Bloomsdale
- 1 pkt. Parsley
- 1 pkt. Okra
- 1 pkt. Kohlrabi
- 1 pkt. Tomato, Improved Excelsior

## "OUR SUMMER" COLLECTION

FOR \$1.00 POSTPAID

MAKE YOUR GARDEN WORK THIS SUMMER AND FALL

SUMMER COLLECTION \$1.25 VALUE FOR \$1.00

- ¼ lb. Beans, Stringless Green Pod
- 1 pkt. Beans, Wax, Pencil Pod Wax
- ¼ lb. Peas, Telegraph
- 1 pkt. Sweet Corn, Golden Bantam
- ¼ lb. Sweet Corn, Stowell's Evergreen
- 1 oz. Beets, Detroit Dark Red
- 1 pkt. Carrots, Danver Half Long
- 1 oz. Radish, Scarlet Turnip, White Tipped

- 1 oz. Radish, Long White Strassburg
- 1 pkt. Spinach, New Zealand
- 1 pkt. Lettuce, St. Louis Market
- 1 pkt. Okra, Long Pod
- 1 pkt. Kohlrabi, White Vienna
- 1 pkt. Tomato, Stone
- 1 pkt. Turnip, Strap Leaf

## HOME GARDEN COLLECTION—\$2.75 VALUE

FOR \$2.00 POSTPAID

- ½ lb. Beans, Bountiful
- ¼ lb. Beans, Pencil Pod Wax
- ½ lb. Beans, Round Pod Valentine
- ¼ lb. Beans, Pole, Kentucky Wonder
- ¼ lb. Beans, Improved Bush Lima
- ¼ lb. Peas, Alaska
- ½ lb. Peas, Suttons' Excelsior
- ¼ lb. Sweet Corn, Golden Bantam
- 1 oz. Beet, Egyptian
- 1 oz. Swiss Chard
- 1 oz. Carrots, Early Half Long

- 1 oz. Spinach, Bloomsdale
- ½ oz. Lettuce, Mammoth Butter
- ½ oz. Lettuce, Prize Head
- 1 oz. Radish, Scarlet Turnip
- 1 oz. Radish, Scarlet Turnip, White Tipped
- 1 oz. Radish, Icicle
- 1 pkt. Parsley, Curled
- 1 pkt. Turnip, White Globe
- 1 pkt. Okra, Long Pod
- 1 pkt. Tomato, Improved Excelsior

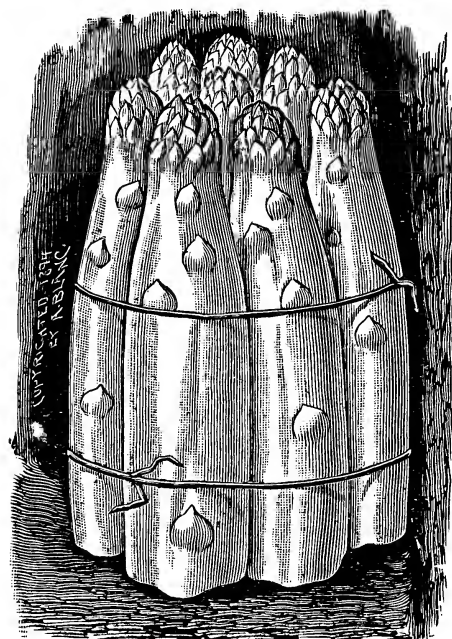
The above collections are made up ready for mailing, so we cannot make any changes in varieties whatever.

# GENERAL LIST OF HIGHEST GRADE VEGETABLE SEEDS

IT HAS always been our endeavor to list only such sorts of Vegetable Seed as, from our tests and experience have found to be of superior merit; while we have in many instances not listed certain varieties, which have been stricken out on account of being out of date, we have in every instance listed a superior sort which we can recommend as being more satisfactory both for the market and Home Garden.

For the convenience of those who are not acquainted with the varieties, we recommend our collections as offered on Page 3. However, from the descriptions of each article you can easily tell which variety would most satisfactorily fill your wants.

The varieties which have proven themselves of superior quality are shown in larger type. These are the varieties which will do best for the home garden. You can easily judge from the prominence of the type which variety has won popularity among the gardeners.



Columbian White.

## ASPARAGUS

One ounce will sow about 50 feet of drill.

**T**HE asparagus seed furnishes the first green delicacy for our table in the spring, is universally popular, and requires but little care for its successful cultivation.

To secure the choice early stalks the land selected for an Asparagus bed should be a warm rich loam, preferably exposed to the south. Manures and fertilizers must be used lavishly to secure the best results. Plants can be easily raised from seed.

We also offer the roots two years old, which will become established in a single season. One ounce of seed will sow about 50 feet of drill. For the home garden, set the plants about 18 inches apart and about 3 feet between the rows.

When ordering, ask for our free leaflet on Asparagus Culture.

**COLUMBIAN WHITE**—Clean white Asparagus and remain so in favorable weather, until three or four inches above the surface. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; 1 Lb., 75c.

**EARLY GIANT ARGENTEU**—This variety has thus far been free from rust. Very early, producing an even growth and a large yield. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; 1 Lb., 90c.

**PALMETTO**—A close second to our famous Columbian White Mammoth. Light green, heavy-yielding, early producing, large clear stalks of excellent quality. Very early. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; 1 Lb., 75c.

**ASPARAGUS ROOTS**—The easiest way to start your Asparagus Bed. Two year old roots. Price: Doz., 25c; 50 for 90c; 100 for \$1.50.

## ARTICHOKE

**C**CULTURE.—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart, and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

**GIANT GREEN GLOBE**—Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish. Price: Pkt., 5c; ½ Oz., 25c; Oz., 45c; ¼ Lb., \$1.60.

**JERUSALEM ARTICHOKE**—Sometime used as a table vegetable when pickled, but their greatest value is for feeding stock. Tubers by express. Price: Lb., 10c; 5 Lbs., 40c; 10 Lbs., 75c; 50 Lbs., \$3.00.



Giant Green Globe Artichoke.

**ASPARAGUS** — *By Hexamer.* A reliable treatise on Planting, Cultivating, Cutting and Use of Asparagus. Price 75 cents, postpaid.

# DWARF or BUSH BEANS

2 pounds will plant 200 feet of drill.

**CULTURE.**—Plant about the first of May in rows, placing the seeds 2 to 3 inches apart in drills and about 2 ½ inches deep. The rows should be about 2 ½ feet apart, and the soil slightly hilled, to insure good drainage and keep the Beans from touching the ground. Most Beans should be picked when about 4 inches long. Frequent pickings insure a more prolonged bearing season. Avoid jerking the plant, as this frequently disturbs young feeding roots. Use the finger-nails to sever the stems. Do not pick when bushes are wet, as this may cause blight and rust. For succession plant every two weeks up to August 1.

## GREEN PODDED VARIETIES

**NOTE**—All beans are listed by the pound at the rate of 60 pounds to the bushel.

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post, add postage at rate on page one.

Prices on Beans are subject to change without notice.

**ST. L. S. CO.'S STRINGLESS BOUNTIFUL**—This superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known.

The merits of this bean may be summed up in the following: rich, green flat pod, of a large size, solid, meaty and of a delicious flavor. The pods are extra long and of a uniform shape and size.

The pods are absolutely stringless. Our strain of Bountiful Beans is the best and a trial will convince you.

Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.30; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

**MOHAWK EARLY**—Hardest of any early Bean; will stand a slight frost and for this reason is excellent for the market gardener. Vines are large with coarse leaves; pods, long, straight, flat and green. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.30; 10 Lbs., \$2.50.

**REFUGEE, EXTRA EARLY**—A selection from the Refugee with all its good qualities and about ten days earlier. Dry beans long and dark drab; pods splashed with purple. An excellent bean for planting during July and August for late pickling beans. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.30; 10 Lbs., \$2.50.

**VALENTINE, IMPROVED EARLY ROUND POD**—One of the best extra early for home use or market. Extra early and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for Midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Dry beans medium size, long, irregular, pink, marbled with red. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.30; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

**STRINGLESS GREEN POD**—Valuable for home garden or for market. It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Extra early planting will produce earliest crops; the later plantings will always produce pods the quickest. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.30; 10 Lbs., \$2.50; 15 Lbs., \$3.50.



St. L. S. Co.'s Extra Early Round Pod Valentine.



# DWARF or BUSH BEANS—Continued

## Green Podded Varieties.

**LONGFELLOW**—Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.30; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

**BLACK VALENTINE**—A Bean which has been planted extensively in the South on account of its heat-resisting qualities. Matures early, producing long, round, straight pods, which are tender when quite young. Few Beans are greater yielders. Price: Pkt., 5c; ¼ Lb., 10c; ½ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.25; 10 Lbs., \$2.25; 15 Lbs., \$3.15.

**GIANT STRINGLESS GREEN POD**—Pods greatly resemble those of Stringless Green-Pod. Fully an inch longer in size but not quite so early. A variety that is largely grown for the market on account of its size and splendid shape. Splendid sort for succession when planted with Stringless Green-Pod. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.80; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

**WHITE NAVY**—The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. Price: Pkt., 5c; ¼ Lb., 10c; ½ Lb., 15c; 1 Lb., 25c; 5 Lbs., \$1.15; 10 Lbs., \$2.00; 15 Lbs., \$2.85.

## WAX-PODDED BUSH BEANS

(Beans by Parcel Post, See Page 1.)

**ST. L. S. CO.'S NEW WHITE WAX**—This new round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It has been so highly bred and selected that it excels all others in its combination of essential qualities, among which are remarkable uniformity in size and shape. It produces no culls, the pods average five to six inches in length, which is unusually large for a round-podded, wax variety; they are very solid, meaty and tender, free from string, breaking brittle, and the flavor is unsurpassed. These desirable table qualities are retained well on towards maturity, long after many other sorts have become too tough and stringy to use. The plant is everything desirable, bushy and robust, free from rust or mildew, and extremely prolific. Price: Pkt., 10c; ¼ Lb., 20c; ½ Lb., 30c; 1 Lb., 45c; 5 Lbs., \$1.75; 10 Lbs., \$3.00; 15 Lbs., \$4.00.

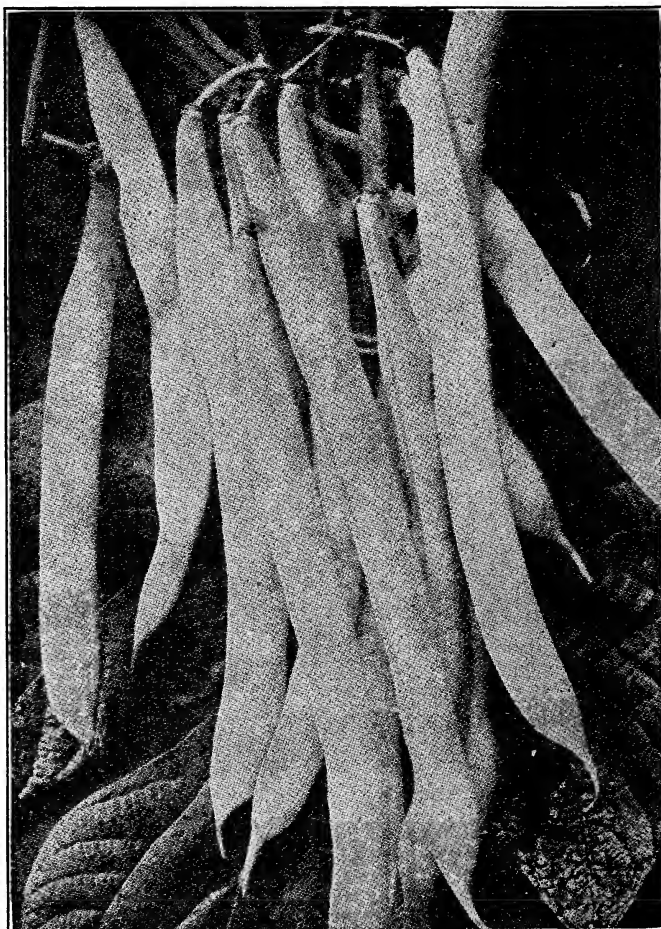
**DAVIS WAX**—A very hardy and productive variety, desirable where a wax-podded, white-seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, 6 ½ or 7 inches, light yellow, straight and handsome and when young are crisp and tender. Seed medium large, kidney-shaped, clear-white and excellent for baking. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75.

**GOLDEN WAX**—The most tender of all market sorts. One of the best for home garden. Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Dry bean oval, white, more or less colored with shades of purplish red. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75.

**KIDNEY WAX, WARDWELL'S**—One of the most popular beans in this vicinity, especially for the market gardener, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Dry beans are large, kidney-shaped, white dark-marked about the eye. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75.

**ST. L. S. CO.'S PENCIL POD BLACK WAX**—Of all black wax beans, this variety surpasses all others. For market gardeners as well as for home use it cannot be surpassed. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75.

**VALENTINE WAX**—Extra early and is usually ready for harvesting from thirty-five to forty days after planting. Vines strong and vigorous, pods medium length, clear waxy yellow, curved with creases in the back; very fleshy, crisp and tender. Dry beans medium size, long irregular pink marbled with red. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.75.



PLANT  
"PURE AND SURE" SEEDS

## LIMA BEANS (Dwarf Bush)

2 Lbs. will plant 200 feet of drill.

**P**LANT in light, rich soil, in drills 2 feet apart, dropping the seeds about 1 foot apart in the row and cover 2 inches. (If wanted by Parcel Post, See Page 1.)

## FORDHOOK BUSH LIMA

THE MOST POPULAR LIMAS GROWN.

**T**HE Fordhook produces a strong, true bush-like growth, branching freely with all the branches held upright. It has an exceptionally strong, vigorous growth that enables it to produce more prolifically in large clusters, beans about five inches long, of the most delicious flavor. The beans contain three to five beans with an average of four.

Our strain of Fordhook is the best. If you want Limas of the highest quality, we recommend our strain. Its earliness and fine bearing qualities will please you. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.00; 15 Lbs., \$4.25.



Fordhook Bush Lima Bean.



New Improved Bush Lima.

## NEW IMPROVED BUSH LIMA

**S**IMILAR to the Burpee's Bush Lima, except in size it is much larger and a better producer, and are ready for picking a full week earlier.

The sturdy bushes are loaded with large well-filled pods, enormous in size. Whether you grow for home use or for market, it will pay you to devote plenty of garden space to our New Improved Lima, the meaty, luscious Lima, that has won favor everywhere. It is truly the "King" of the Limas. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

## HENDERSON'S BUSH LIMA

**A** FAMOUS variety, grows in compact bush form and produces enormous yields of delicious Lima Beans. Our improved strain insures heavy yields and continuous crop from July until frost appears. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 20c; 1 Lb., 30c; 5 Lbs., \$1.25; 10 Lbs., \$2.15; 15 Lbs., \$2.75.

## BURPEE'S BUSH LIMA

BEANS AS LARGE AS POLE LIMAS.

**A** TRUE bush form, growing 18 to 20 inches high. An immense yielding variety, each bush being laden down with large Limas of the most luscious flavor. Its vigorous growth and large pods make it stand out as one of the finest Bush Limas. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 15 Lbs., \$3.50.



Kentucky Wonder.

# BEANS, POLE OR RUNNING (Green Pod)

2 Lbs., will plant 150 hills.

## St. L. S. Co.'s New White Cornfield

**I**N THIS new Pole Bean we have one that far surpasses anything on the market. This Bean is a cross between our regular White Cornfield and Kentucky Wonder; it is a fine long, round, thick and meaty green pod, with a white bean.

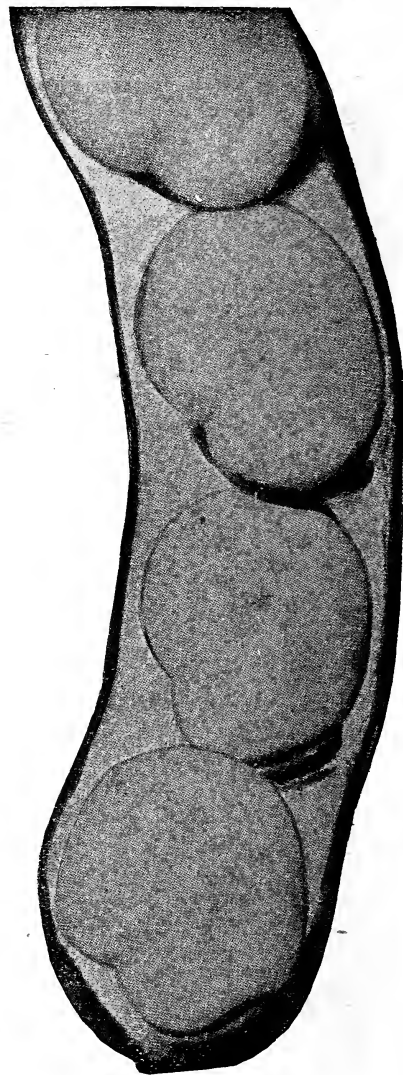
It is a much better bean than anything ever offered in this line, and will bear much longer than others. We have developed this bean into a real wonder and we are sure that you will be highly pleased with the results from our New White Cornfield. Price: Pkt., 10c;  $\frac{1}{4}$  Lb., 20c;  $\frac{1}{2}$  Lb., 30c; 1 Lb., 50c; 5 Lbs., \$2.25; 10 Lbs., \$3.50; 15 Lbs., \$4.75.

**MISSOURI WHITE CORNFELD**—A fine long, green, round pod of superior quality. Beans are white and mealy, a fine boiling or baking variety. Grown quite extensively for market gardening and home use. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 20c; 1 Lb., 30c; 5 Lbs., \$1.25; 10 Lbs., \$2.15; 15 Lbs., \$2.75.

**LAZY WIFE**—The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy, and are entirely stringless. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

**KENTUCKY WONDER, OR OLD HOMESTEAD**—Undoubtedly the earliest and most productive, bearing in great quantities clusters of light green pods, long, meaty and of excellent flavor. Can be grown with corn to good advantage. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 20c; 1 Lb., 30c; 5 Lbs., \$1.35; 10 Lbs., \$2.25; 15 Lbs., \$3.00.

**WHITE CREASEBACK**—A pure white variety, very early, and an excellent shelled sort used extensively for winter use. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 20c; 1 Lb., 30c; 5 Lbs., \$1.25; 10 Lbs., \$2.15; 15 Lbs., \$2.75.



King of the Garden.

## POLE LIMA BEANS

### St. L. S. Co.'s Genuine Butter

**H**ERE is the good old fashioned but original Butter Bean and is the only one genuine Butter Bean we know of.

These beans have a creamy-white color, in large pods, and are far more delicious than the ordinary Lima Bean. The vigorous vines, with plenty of pods, will supply you with the most delicious Butter Bean you ever tasted.

The success of these beans has been phenomenal and no garden can be without some of them. Never yet have we been able to supply enough of them and this is the best sign of its high quality. Price: Pkt., 10c;  $\frac{1}{4}$  Lb., 20c;  $\frac{1}{2}$  Lb., 35c; 1 Lb., 60c; 5 Lbs., \$2.50; 10 Lbs., \$4.00; 15 Lbs., \$5.25.

**EXTRA EARLY JERSEY**—Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones as it is from 10 to 15 days earlier than any other pole Limas. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

## KING OF THE GARDEN

**T**HE true "King" of the Limas. Stronger and more productive than any of the large White Limas and is the favorite of the market gardeners on account of its long, well-filled pods, which are numerous and of mammoth size. If two vines are left growing on a pole it will come into bearing sooner and make larger pods. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.00; 15 Lbs., \$4.25.

**SIEVA, or SMALL LIMA**—Popular small-seeded variety. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 15 Lbs., \$3.50.

# BEETS

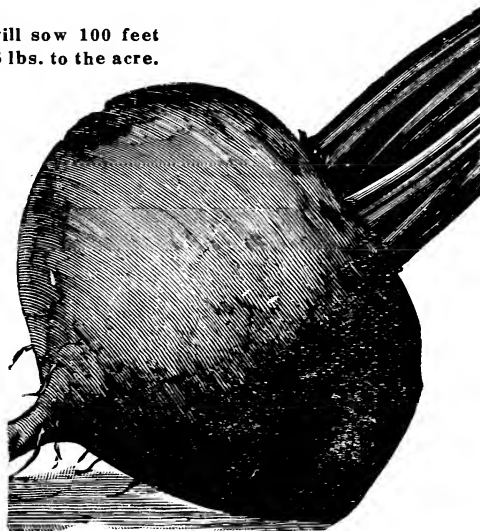
One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre.

(Beets by Parcel Post, See Page 1.)

**CULTURE.**—Seed should be sown the first part of April. The ground should be spaded well and deep, placing rows about 18 inches apart, and the drills 1 inch deep. Cover the seed carefully and firm in the ground by walking over the drills. When seedlings appear about 3 inches above ground, thin out to about 4 inches between the plants so as to give ample room for the proper development of the bulbs. Beets are best for pulling when about 2 inches in size. Successive sowings may be made up to the middle of July.

**EXTRA EARLY EGYPTIAN**—An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red, and the Beets are tender.

Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., 75c; 5 Lbs., \$3.50.



Crosby Egyptian.

## ST. L. S. CO.'S EARLY PERFECTION

THE BEST OF THEM CANNOT EQUAL OUR EARLY PERFECTION.

**O**UR Early Perfection is very early, and surpasses all varieties in flavor. It is a main crop variety, of great size, for the market garden and if you want a real money-maker, plant our Early Perfection.

Both skin and flesh are of a deep rich red and this color is retained when cooked, which makes it so popular for canning and pickling. The shape is uniformly perfect and free from fibrous side roots. We know that you will like these beets, for it is tender, sweet and crisp, and is in every way the standard for the home gardener. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.00; 5 Lbs., \$4.50.

## CROSBY'S EGYPTIAN

**O**NE of the earliest and best strains of Beets, of a deep red color, sweet and tender. They run uniform in size, making them just right for bunching.

We recommend our strain of Crosby's Egyptian as it is a distinct improvement over the older forms of Egyptian Beets. It is the favorite of the market gardeners, as it is the earliest and most uniform beet they can grow. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.00; 5 Lbs., \$4.50.

## IMPROVED CRIMSON GLOBE

Deep Crimson, Tender and Delicious.

**A** HANDSOME variety of medium size and entirely free from rootlets, as its name implies, it is a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. It is without an exception, one of the finest beets grown, its shape and color being simply superb.

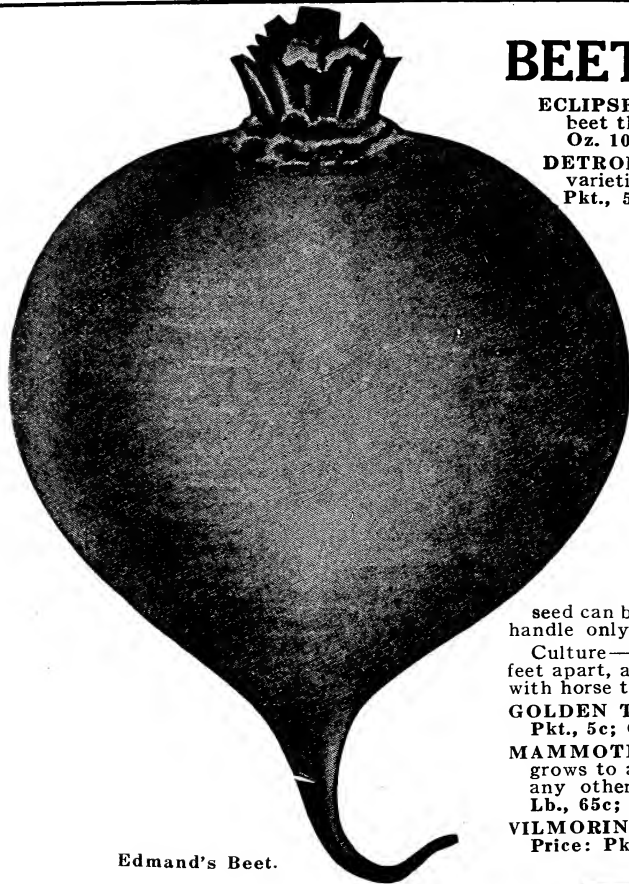
Our strain of Crimson Globe has shown results that are amazing and it is the one strain of Crimson Globe that you should plant. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.00; 5 Lbs., \$4.50.

## ELECTRIC

**R**ICH, red-flesh, exceedingly tender and remarkably early. In shape, almost round. Color, very dark crimson with rings of lighter hue. It is early, coming in with the Egyptians. The flesh is delicate, rich, sugary and free from fibre. It is an attractive beet of fine quality. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., 90c.



St. L. S. Co.'s Early Perfection Beet.



Edmand's Beet.

## BEETS—Continued

**ECLIPSE**—A famous standard variety; a first early market beet that ranks with the Crosby Egyptian. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; 1 Lb., 90c.

**DETROIT DARK RED**—One of the good early turnip-shape varieties, too well known to need any further comment. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; 1 Lb., \$1.00; 5 Lbs., \$4.50.

**EDMAND'S BLOOD TURNIP**—A second-early variety of good flavor. A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. An excellent keeper. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; 1 Lb., 90c; 5 Lbs., \$4.00.

**LONG SMOOTH BLOOD-RED**—A most excellent keeper, grows to good size, half out of ground. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; 1 Lb., \$1.00.

## MANGEL WURZEL

For Stock Feeding.

**T**HE value of Mangels for stock feeding is recognized everywhere and they are being more widely used every year. Our stock of Mangel seed is grown in Europe by experts and in no other place can this seed be equalled in producing large fine roots. Cheaper

seed can be obtained but the results are far less satisfactory. We handle only the best seed.

**Culture**—Sow 4 pounds to the acre in May or June, in rows three feet apart, and thin to nine inches in the row. Cultivate frequently with horse tools.

**GOLDEN TANKARD**—The best yellow for stock feeding. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 20c; 1 Lb., 65c; 5 Lbs., \$3.00.

**MAMMOTH LONG RED**—This is the largest of all the Mangels; grows to an enormous size and will yield more tons per acre than any other variety. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 20c; 1 Lb., 65c; 5 Lbs., \$3.00.

**VILMORIN'S IMPROVED**—The best variety for producing sugar. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; 1 Lb., \$1.00; 5 Lbs., \$4.50.

## SWISS CHARD

Grown for Leaves Only.

**S**WISS CHARD—Easy to grow. Sow seeds in the Spring, as for common beets. After once having used Swiss Chard for greens, we believe your garden will always have a few rows of these greens; it is delicious, when served either like asparagus or spinach, the outer leaves being used as well as the center. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; 1 Lb., \$1.00.

## SWISS CHARD-LUCULLUS

**A** NEW moss curled variety. Very large leaves and the middle ribs can be served as Asparagus during the summer months, and the leafy portion is a good substitute for spinach; thus you get two distinct dishes from the same plant. The leaves have a fine flavor and are very tender. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; 1 Lb., \$1.00.



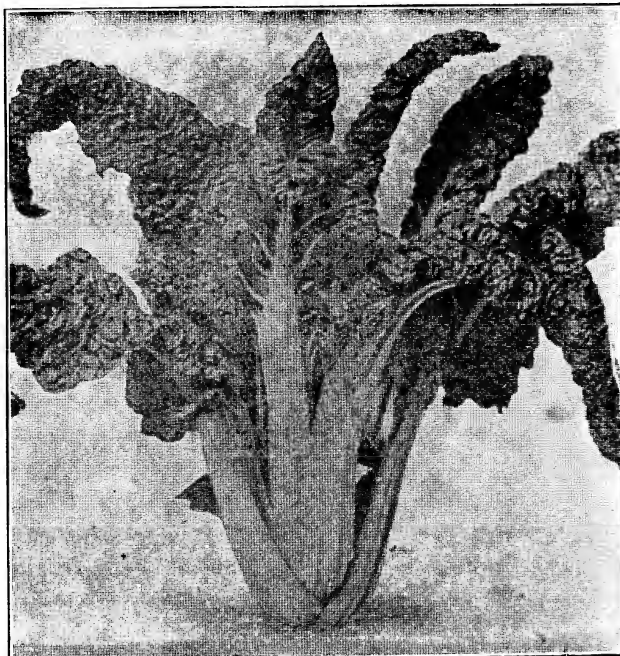
Brussels Sprouts.

## BRUSSELS SPROUTS

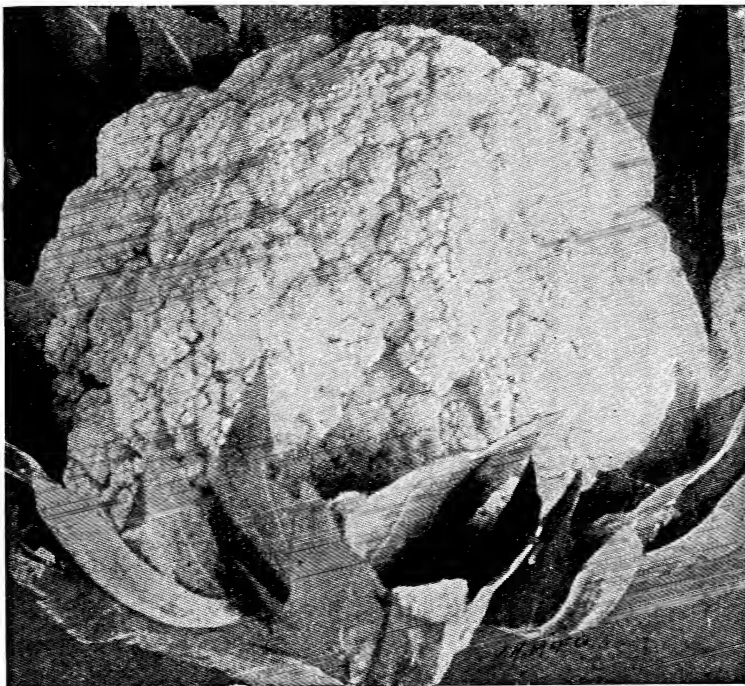
**T**HE very best winter vegetable, having small knobs or heads along the stem, which may be boiled like cabbage or cooked like cauliflower.

They may be left in the ground after frost as this does not injure their many fine qualities but rather adds to their delicious flavor, and may remain in the ground until ready for cooking.

**ROSEBERRY**—The choicest variety obtainable and highly valued on account of its strong robust growth and remarkable juicy tender heads. Price: Pkt., 5c; Oz., 25c.



Lucullus Swiss Chard.



St. L. S. Co.'s Earliest Dwarf Erfurt, Extra Select.

## ST. L. S. CO.'S EARLIEST DWARF ERFURT, EXTRA SELECT

**T**HIS is a very early, reliable sort that has found special favor in many sections. Forms white heads six to ten inches in diameter of good quality. Its close growing habit permits more heads to a given area than the late maturing sorts. Our strain of this fine variety, is direct from the originator. Price: Pkt., 25c; ¼ Oz., \$1.50; ½ Oz., \$2.50; Oz., \$4.50; 4 Oz., \$16.50.

## PRIDE OF DENMARK

**T**HIS excellent variety is especially adapted to long, dry seasons. The heads grow to large size, very solid, pure white and of a very delicious flavor. Price: Pkt., 25c; ¼ Oz., \$1.50; ½ Oz., \$2.50; Oz., \$4.50; 4 Oz., \$16.50.

## SELECTED EARLY SNOWBALL

**L**ARGE solid white heads. A sure-cropper. It is the ideal cauliflower for general use. A sure leading variety of dwarf habit, with short outer leaves, especially adapted for forcing under glass during winter and spring. Price: Pkt., 20c; ¼ Oz., \$1.25; ½ Oz., \$2.25; Oz., \$4.00.

## CELERY OR CHINESE CABBAGE

**T**HIS is a new vegetable introduced into this country from China, and the demand for it has been enormous ever since its introduction.

Chinese Cabbage should be sown in the spring for early use and again in July or August for fall use. Sow in drills 16 to 20 inches apart and thin the seedlings to 10 inches apart.

The full grown plant resembles Cos lettuce in appearance. It has a nice flavor and may be eaten raw, or as a salad or cooked.

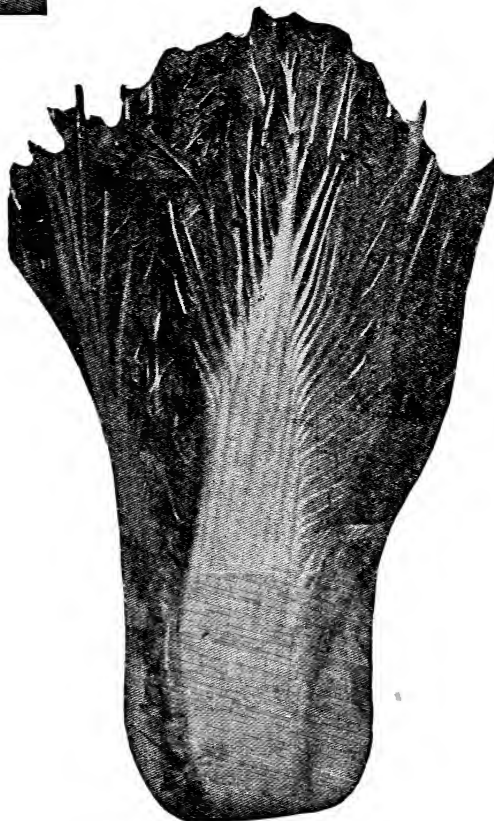
To those who have never tried this novelty we especially recommend it. It will come up to your expectations for it is a delicious, appetizing table delicacy that you should grow. Price: Pkt., 10c; ½ Oz., 25c; Oz., 50c.

## CAULIFLOWER

**C**ULTURE.—Start plants in frame or seed beds, or for early plants start in hot-bed. Transplant as soon as large enough to handle. Set the plants two to three feet apart each way. One ounce of seed will produce from 3000 to 4000 plants.

## ST.L.S.CO.'S EARLY PERFEC- TION ERFURT FORCING

**I**N INTRODUCING this new strain we endeavored to build up a strain that comprised all the fine points in Cauliflower and the success of this new variety has shown how we succeeded. It is gorgeous beyond description. Snowlike in color and its growth of the compact form that will delight the grower. For an early out-door forcing variety it cannot be equalled and is worthy of a trial by you. In this locality it has won distinction and is a sure-cropper. Price: Pkt., 25c; ¼ Oz., \$1.75; ½ Oz., \$2.75; Oz., \$5.00; 4 Oz., \$18.50.



Chinese Cabbage.



# CABBAGE

One ounce will produce about 2,000 plants;  $\frac{1}{4}$  pound seed in beds will produce plants for one acre.

**CULTURE.**—Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2  $\frac{1}{2}$  feet each way. To be well-grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is especially grown for us, and we offer it as being of superior quality.

## COPENHAGEN MARKET

**T**HIS is without doubt the best early round headed cabbage and that its wonderful merits are appreciated is demonstrated by the large plantings made of this variety.

The type is thoroughly fixed and the heads maturing at the same time, which makes it so popular and the great favorite of the market gardener. It means less cost in harvesting.

It is a vigorous grower and yields an excellent keeper. The leaves are of a light green color and tightly folded together in a remarkably solid and compact form. The heads average ten pounds in weight, are solid and firm.

Our stock of this grand variety comes direct from the originator. It is the kind of seed that will produce bigger and better cabbages, and that is the kind you want for home use or for the market. Don't experiment with a cheap strain of this famous variety. Price: Pkt., 10c;  $\frac{1}{2}$  Oz., 30c; Oz., 50c; 2 Oz., 90c; 4 Oz., \$1.60; Lb., \$6.00.

## IMPROVED EARLY JERSEY WAKEFIELD

**I**T IS impossible to exaggerate the many fine qualities found in our strain of early Jersey Wakefield. The heads are hard and solid with just a few outside leaves which protect the heads.

An exceedingly productive variety, resists cold and you are sure of the finest results from this variety even under the most unfavorable conditions, and when you plant our strain of Improved Seed, you can expect a big crop. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Oz., \$1.10.

## CHARLESTON, OR LARGE-TYPE WAKEFIELD

**T**HE one big advantage of our Charleston is the greater size, where large-sized cabbages are wanted, either for market or private use.

It is fully one-third larger than the Jersey Wakefield and therefore more popular with many.

Heads are solid, pointed and is a heavy yielder. You can expect the finest and largest heads from our strain of our Charleston Wakefield. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Oz., \$1.10.



Copenhagen Market.

## HENDERSON'S EARLY SUMMER

**T**HIS is one of the best of the large, early cabbages and is exceedingly valuable for the home or market gardener. The heads are larger than the Wakefield type and only a few days later, points to be considered when growing for the market. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Ozs., \$1.10; Lb., \$4.00.

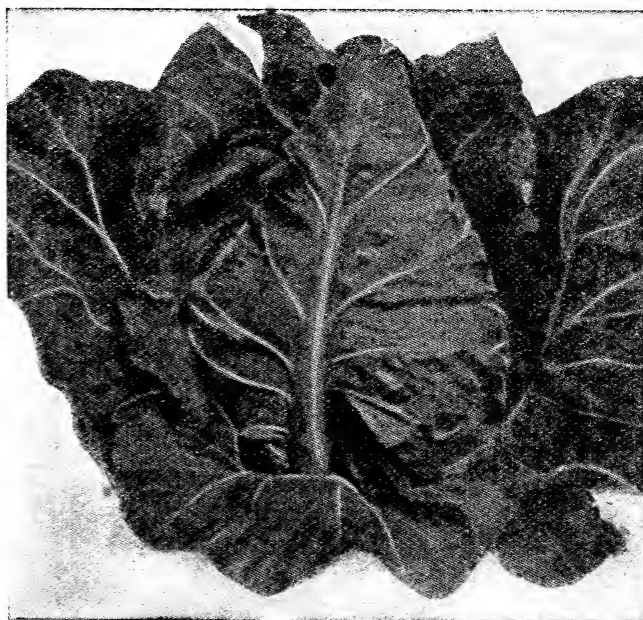
## IMPROVED BRUNSWICK

**O**URS is the true short stem type. Good for second early and late crops, and attains an extraordinary large size. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Oz., \$1.10; Lb., \$4.00.

## ALL SEASONS OR SUREHEAD

**T**HE names best describes this variety as it is a sure-headed of the flat Dutch type, of heads and a first class main crop. The heads are very large, extremely hard and solid. This certainly is the great all year round cabbage. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Oz., \$1.10.

**FOTTLER'S EARLY DRUMHEAD, OR SHORT STEM**—One of the best second early varieties. Head large, flat, compact, solid and of fine quality. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Oz., \$1.10.



Early Jersey Wakefield.



St. Louis Late Market.

## CABBAGE—Continued

### ST. LOUIS LATE MARKET

**F**OR regularity in growth and sure heading this variety cannot be equalled. Is of handsome color and appearance; mammoth in size, delicious in flavor, highest in quality, extra short stem and compact in growth. We control and own the whole stock of this wonderful variety. Price: Pkt., 10c;  $\frac{1}{2}$  Oz., 25c; Oz., 40c; 2 Oz., 75c; 4 Oz., \$1.25; Lb., \$5.00.

**SUPERIOR LATE FLAT DUTCH**—The heads are large and very solid; open white, are crisp and tender, and sure to head. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c; Oz., 35c; 2 Oz., 60c; 4 Oz., \$1.10.

### RED CABBAGE

**EARLY RED ERFURT**—Very early and solid. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c; Oz., 50c; 2 Oz., 90c.

**MAMMOTH ROCK RED**—This is by far the best, largest and surest-heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c; Oz., 50c; 2 Oz., 90c.

### SAVOY CABBAGE

**PERFECTION LATE SAVOY**—None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c; Oz., 50c; 2 Oz., 90c.

**EARLY DWARF ULM SAVOY**—A very early and superior dwarf variety of fine quality. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c; Oz., 50c; 2 Oz., 90c.

## "AMERICAN KING" CABBAGE

**Succeeds Where All Other Varieties Fail. The Best Keeper. The Largest Headed. The Finest Quality.**

**I**NTRODUCED by us in 1904, it has met with universal praise everywhere. Mammoth solid heads, weighing from 15 to 20 pounds, are common sights in a field of this wonderful late cabbage. We know of no cabbage that could ever equal this magnificent variety, the real genuine leader of all. Its chief points of merit are its absolute reliability of a sure crop, its uniformly large size of head, its great drought and worm-resisting qualities. A distinct feature of our American King is the small number and small size of the ribs. Our American King is the cabbage to grow. Price: Pkt., 10c;  $\frac{1}{2}$  Oz., 25c; Oz., 40c; 2 Oz., 75c; 4 Oz., \$1.25; Lb., \$5.00.



# CARROT

One ounce will sow  
100 feet of drill.

**CULTURE**—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above, but cover seed a little deeper as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by few root crops. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers. Like other root crops, it flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the Fall before so much the better.

## EARLY SCARLET HORN

**STUMP-ROOTED.** A variety of carrot long and favorably known to all growers. It is not a large, but for an early crop or for forcing we can recommend it highly as it is the most popular sort for early planting. The flesh is fine grained and the color a deep orange. It has small tops and grows well in shallow soil. For early Carrots you will do well to plant this variety. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

## GUERANDE, or OXHEART

**THE** fact that this variety grows well in shallow soil and the shape of the carrot has readily placed the Oxheart Carrot in the ranks of the leaders.

The roots are broad at the top. Flesh is a bright orange, fine grain and very sweet. It is an excellent variety for the gardener, because of its thickness, which makes it a heavy producer. It is an excellent keeper and therefore appeals to all. Fine for home use and profitable for the market. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

## EARLY HALF LONG SCARLET

**VERY** productive, medium early and of excellent quality. The roots are thick and range from five to six inches long, uniform in shape, stump-rooted but tapering slightly. Smooth skin and the flesh is of a deep orange red in color. Our early Half-Long is gaining in favor every year, a recognition of its many fine qualities. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.00; 5 Lbs., \$4.50.

## DANVER'S HALF-LONG IMPROVED

**FOR** a general crop Danver's Half-Long Carrot stands supreme; it is by far the most profitable for the market gardener and has long been our leading variety.

It is half-long in shape, almost cylindrical, somewhat stump-rooted, and of rich, dark orange color. Flesh is sweet, crisp and tender.

On account of its great productiveness and its adaptability to almost any soil has gained it a popularity equalled by no other carrot.

The greatest of care has been exercised in the selection of nothing but the highest class roots for seed purposes. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.00; 5 Lbs., \$4.50.

## FRANKFURT

**THIS** is an excellent market variety, of a rich orange-red color, very smooth and handsome and producing very large crops.

It is grown largely on account of its productiveness and for its ability to adapt itself to all classes of soil. Tops of medium size. Roots are of medium length, six to eight inches long, tapering uniformly to a blunt point. Although the roots of this variety are comparatively short they produce as large a bulk as the longer field sorts and are much easier to gather.

Years of testing and trials have made our strain of this popular variety the best that can be obtained. Price: Pkt., 10c; Oz., 20c; ¼ Lb., 50c; Lb., \$1.50.

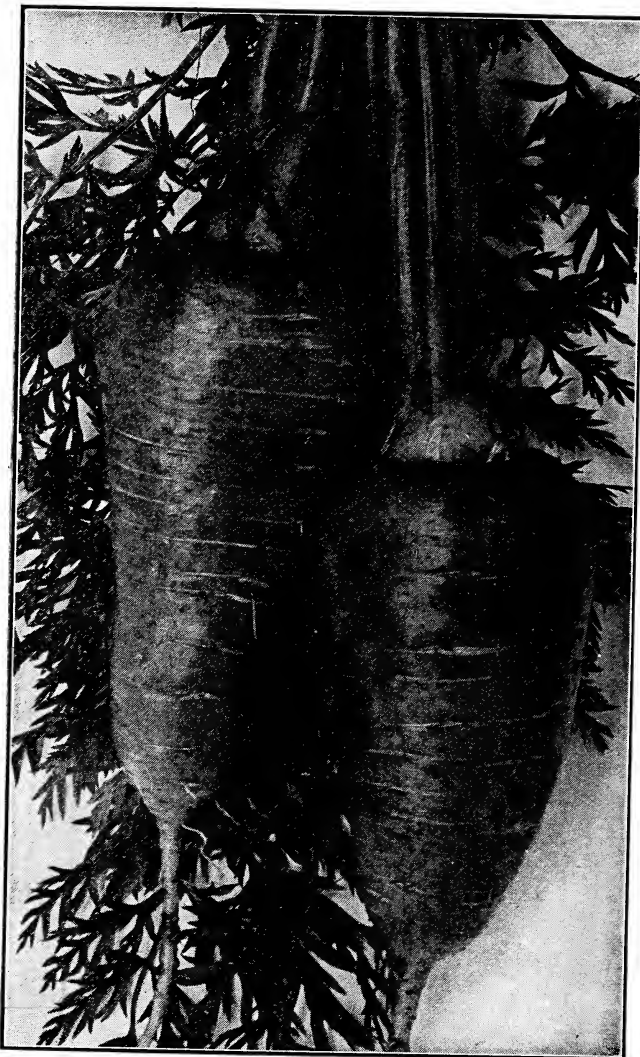
**ST. VALERY**—In our new private strain of St. Valery we offer you one of the best. In size it is large; rich, deep orange in color. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., 90c; 5 Lbs., \$4.25.

**LONG ORANGE**—Large, sweet, thick and tender; an immense yielder and an ideal variety for both table and stock feeding. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., 90c; 5 Lbs., \$4.25.

## IMPROVED RUBICAN

**STUMP-ROOTED** variety. It is a truly magnificent carrot of a rich orange shade and of a most excellent flavor.

As a carrot of all uses, it stands alone on account of its extreme sweetness and its enormous yielding properties. In our new improved strain of Rubican we offer you seed that will surpass your highest hopes of a delicious all-around carrot. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.00; 5 Lbs., \$4.50.



Early Half Long Scarlet.

# CELERY

One ounce will produce about 3,000 plants.

**CULTURE.**—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row. Keep down all weeds, and as Fall approaches, draw earth up to the plants, keeping the stalks well together.

## GOLDEN SELF-BLANCHING

**THIS** grand variety is becoming more popular every year and is now extensively grown both for private use and for the market. It is an early sort and requires very little labor to blanch.

The heart is rich golden-yellow with light yellowish green outer-leaves. The ribs are thick and broad and the hearts large and solid.

It is the leading early variety and its superb quality, freedom from stringiness, its crispness and delightful flavor has endeared it to all who plant it.

If you want a strain from the highest type, the kind that will produce big results, you will find it here. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c; Oz., 40c; 2 Oz., 75c; 4 Oz., \$1.25.

## SANFORD'S EASY BLANCHING

**THIS** is a very valuable celery of recent introduction and one that has rapidly come to the front until now it is extensively grown by the most progressive celery growers in the country.

The stalks are of medium height and stocky in growth, and the easiness with which they are blanched and its keeping qualities has made it a universal favorite. The tender, brittle delicious flavored stalks are highly relished by all and their attractive appearance insures a good sale when offered on the market. Our seed was grown from highly selected extra fine stock. Price: Pkt., 10c;  $\frac{1}{2}$  Oz., 40c; Oz., 75c; 2 Oz., \$1.40; 4 Oz., \$2.50.

## WHITE PLUME

**VALUABLE** for fall or early winter use, very widely known for its remarkable vigor and is a truly beautiful type with stalks creamy white, crisp and delicious.

Being one of the best keepers, it is the ideal celery for Thanksgiving, or Christmas use, where its beautiful clear white color and sweet nutty flavor adds to the beauty and deliciousness of the table on these two days. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c; Oz., 25c; 2 Oz., 40c; 4 Oz., 75c.

## WINTER QUEEN

**A** VERY popular celery for winter use as it is one of the best keepers. It is very large, heavy hearted of a sweet flavor, so desirable in celery. Short stout, thick and heavy, in habit of growth and is a handsome variety for bunching. Leaves light green and blanch to a cream-white. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c; Oz., 25c; 2 Oz., 40c; 4 Oz., 75c.

## GOLDEN HEART

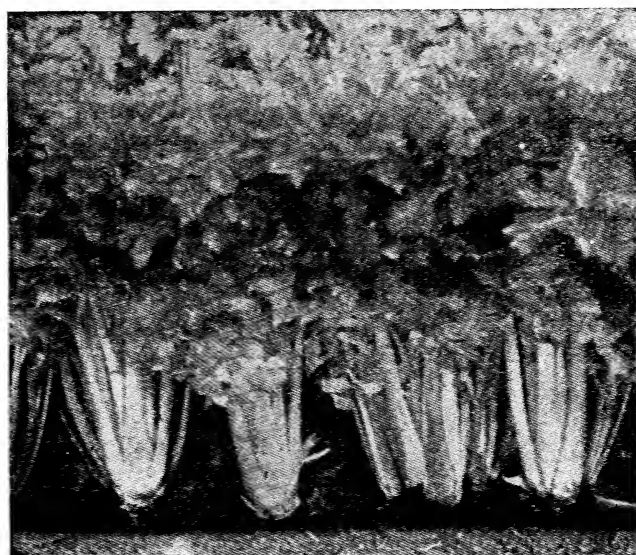
**FINE** variety of a beautiful waxy, golden yellow color, when blanched. It is a very showy and attractive variety, which is rapidly gaining more attention every year. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c; Oz., 25c; 2 Oz., 40c; 4 Oz., 75c.

## CURLED CELERY

**THIS** new variety is a great favorite of the gardeners for cutting and bunching. It use for flavoring has made it very valuable and should be grown on that account. For use in soups, etc., it is unexcelled. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c; Oz., 25c; 2 Oz., 40c; 4 Oz., 75c.



Golden Self-Blanching.



Sanford's Easy Blanching.

## CELERIAC

(Turnip Rooted Celery.)

**CULTURE**—Treat seeds and plants the same as recommended for celery with the exception that it is customary to set the plants in row 1 foot apart.

**GIANT PRAGUE (Turnip Rooted)**—This celebrated variety is the largest, smoothest and best strain of celeriac that can be obtained. Owing to its fine flavor it should be more widely grown than it is as it is fine for flavoring soups and salads or boiled like turnips and parsnips. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c; Oz., 25c; 2 Oz., 40c; 4 Oz., 75c.

## CARDOON

**LARGE SPANISH**—Large, fleshy-leaved plants, chiefly used as a winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c; 4 Oz., 50c.

## COLLARDS

**A** GREAT favorite in the South, where they are used extensively for "greens". Culture similar to cabbage.

**GEORGIA OR SOUTHERN.** The standard variety for productiveness. Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c; 4 Oz., 50c.



# SWEET CORN

**M**ARKET gardeners and private planters should keep in mind the important fact that Sweet Corn produced in the North is earlier and more hardy than the same varieties grown further south. We do not think it too much to claim that nearly all of our varieties of Sweet Corn are easily a week to ten days earlier than the same varieties produced elsewhere. This means a great deal to the gardener who wishes to have his Corn first in market, for it is then that the best prices are obtained. It is equally as important also to the private planter growing Corn for his own table, as it lengthens the season for all varieties.

One lb. of seed will plant about 100 hills; 12 to 15 lbs., an acre in hills.

To have the finest Sweet Corn it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture. It will be of inferior quality if it is either a few days too old or too young. Our Sweet Corn is thoroughly tested before it leaves our hands. At the following prices on Corn—packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post add postage at rates on page one.

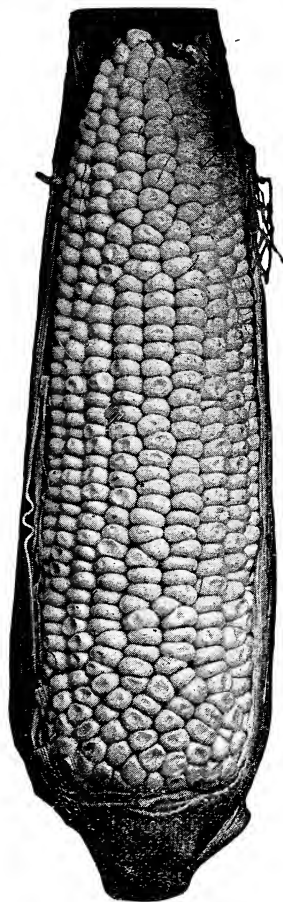
## GOLDEN BANTAM SWEET CORN

**T**HIS dwarf-growing early variety is the most deliciously flavored corn. The plants attain a height of three to four feet, bearing two or more ears, about five inches long, to a stalk. These little fat ears are so compactly filled with kernels and so sweet and delicious, so tender, and milky that it is the sweetest corn on earth.

The seed may be planted in either hills or rows, about six grains to a hill or 8 inches apart in the rows. If planted early, cover to a depth of about an inch. The rows may be just far enough apart to permit cultivation.

For early corn, plant just as soon as all danger of frost is over, bearing in mind that it some times pays to take a risk in early planting as early corn is always in big demand.

If you want an early corn of luscious flavor, you will do well to plant our strain of the sweetest corn in the world. **Price:** Pkt., 10c;  $\frac{1}{4}$  Lb., 20c;  $\frac{1}{2}$  Lb., 30c; 1 Lb., 50c; 5 Lbs., \$2.00; 10 Lbs., \$3.50; 25 Lbs., \$7.50.



Golden Bantam.

## ADAM'S EXTRA EARLY

**T**HIS is in fact the earliest in cultivation, but strictly speaking it is not a sweet corn.

It is an excellent variety for roasting and of good quality if pulled promptly after reaching maturity. The truckers and market gardeners have found this an excellent variety for market growing. **Price:** Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lbs., 15c; 1 Lb., 25c; 5 Lbs., \$1.00; 10 Lbs., \$1.75; 25 Lbs., \$4.00.

## ADAM'S EARLY

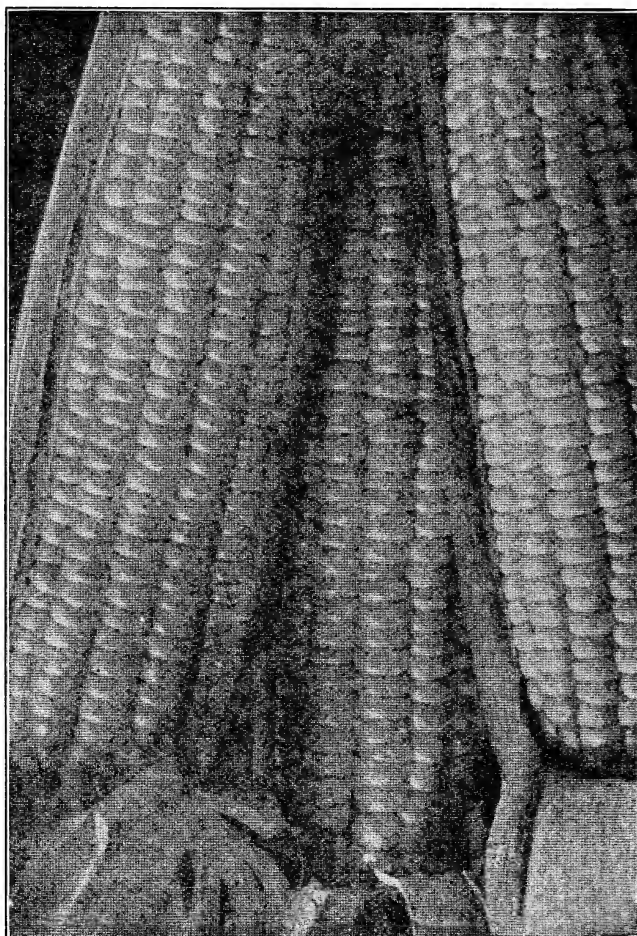
**A**DAM'S EARLY is another variety that has found great favor among the gardeners. As a market variety, Adam's Early has a reputation that is worth while. Our strain of this variety is the best that can be obtained. **Price:** Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 15c; 1 Lb., 25c; 5 Lbs., \$1.00; 10 Lbs., \$1.75; 25 Lbs., \$4.00.

## EARLY WHITE CORY

**T**HE earliness of this variety has made it a valuable addition to the corn family and its dwarf growth and short, fat ears have greatly increased its reputation. The grain is large, broad very white and of nice quality. The early Cory certainly is an excellent variety if you want early corn. **Price:** Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.

## MAMMOTH WHITE CORY

**F**OR a first-class early producing corn, for either market or home use, our strain of Mammoth White is mighty fine. Always producing two, and sometimes three ears to a stalk, it is a heavy yielder and a variety that we can highly recommend. **Price:** Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.



Early Evergreen.



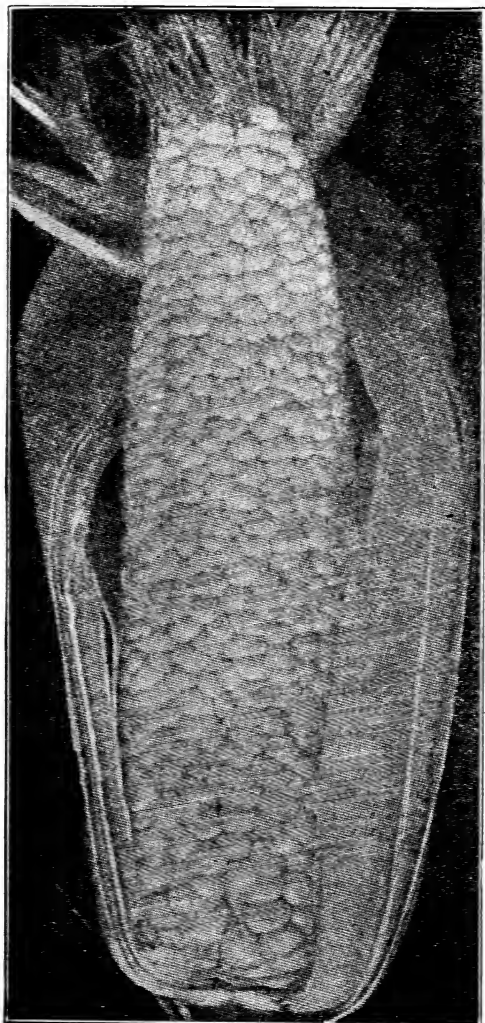
# SWEET CORN

Please note prices on Sweet Corn are prepaid only on packets and quarter pound lots. Postage rates given on page one.

**EARLY EVERGREEN**—Ready for table with the second earlies, such as Shaker's Early, etc., but is fully twice as large as any of them. The ears carry an average of 16 rows of fine large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth, which gives it great endurance during a dry time. Especially adapted for early trucking; also very desirable for the home garden. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 25 Lbs., \$5.50.

**KENDALL'S EARLY GIANT**—Those desiring the choicest and earliest Sweet Corn will do well to plant this variety, the growth being of a dwarf nature—4 to 5 feet high. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 25 Lbs., \$5.50.

**HOWLING MOB**—This variety originated at Toledo, Ohio, and its queer but appropriate name has reference to the loud and clamorous demand for the Corn when brought to market. The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk, affording protection from the green worms which so often are destructive to early varieties. There are 12 to 24 rows of good sized white kernels. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.



Country Gentleman.

## GENERAL CROP AND LATE

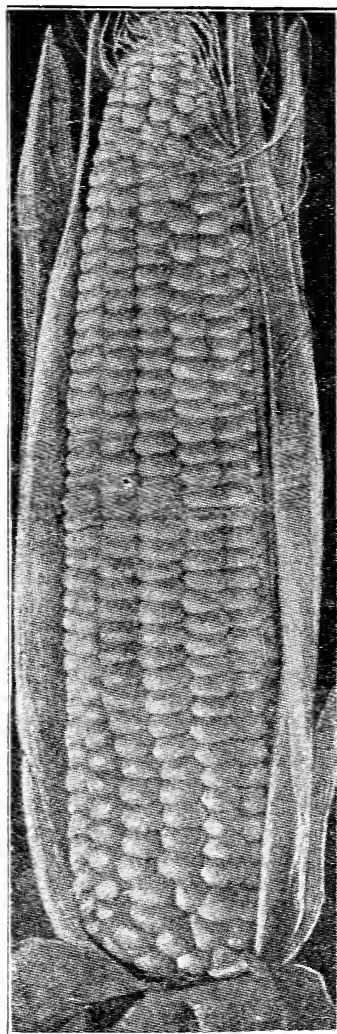
**EARLY CHAMPION**—Only a few days later than the extra earlies, bearing large, handsome, 12-rowed ears. Deep, white, plump grains and very sweet. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.50; 25 Lbs., \$5.50.

**WHITE EVERGREEN**—Is of the same type as the famous "Stowell's Evergreen," only it is snow white, and of excellent quality. Stalks are of a very strong, vigorous growth, six to eight feet high. The ears are extra large. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.

**COUNTRY GENTLEMAN**—For a delicious, appetizing sweet corn this variety can not be surpassed. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.

**STOWELL'S EVERGREEN**—Too well known to need any introduction. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. This Corn is distinguished by the large ear, the long, deep kernels, its rich, sugary flavor and its long-keeping qualities. Our seed has been selected for its sweetness, productiveness and large size. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.

**ZIG ZAG EVERGREEN**—The very best of all late white varieties. We have statements from experiment stations and from canning factories, as well as from hundreds of private planters, testifying to its superior sweetness and productiveness, incomparable whiteness when cooked and fine appearance on the table. As introducers of this variety, we assert, without fear of contradiction, that it is best of all the late white sorts. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$2.75; 25 Lbs., \$6.00.



Howling Mob.

## POP CORN

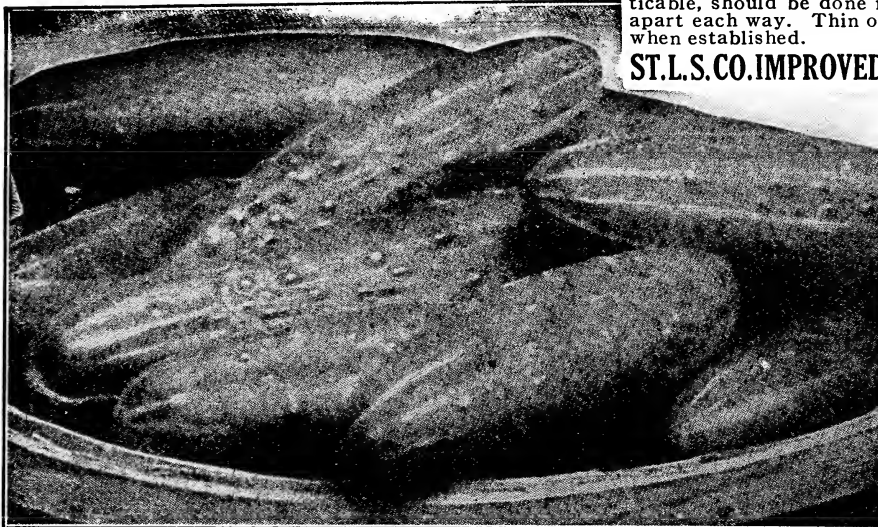
**WHITE RICE**—The most popular widely known variety. Price: Pkt., 5c; ¼ Lb., 15c; ½ Lb., 25c; Lb., 40c; 5 Lbs., \$1.50.

# CUCUMBER

One ounce will plant  
about 50 hills.

(By Parcel Post, See Page 1.)

**C**ULTURE—The first planting should be made early in May in hotbeds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting when practicable, should be done in the evening, into hills 4 feet apart each way. Thin out to about four plants to a hill when established.



## ST. L. S. CO. IMPROVED GREEN HYBRID CUCUMBER

**I**N OUR "Improved Green Hybrid" we offer the perfect cucumber, an extra early species of a most remarkable quality as well as appearance. Its unique shape and handsome early foreshadowed the general popularity which this fine cucumber would some day attain for its color of dark green, slightly ridged, simply beggars description. It is enormously prolific and a continuous producer. For slicing it is superb, and its symmetrical fruits are uniformly large. The flesh is very solid, fine grained. The vines are vigorous and mildew proof. Taken all in all, we cannot recommend our Improved Hybrids too highly and that it is superior to any variety goes without saying. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.25; 5 Lbs., \$5.50.

## EARLY WHITE SPINE, OR PEERLESS

**T**HIS truly is the peerless cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed for the table or market. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.10.

## ARLINGTON IMPROVED WHITE SPINE

**A**FINE variety for either forcing or out-of-doors planting. A good seller on the market and the most profitable cucumber to grow for shipping. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.10.

## EXTRA LONG WHITE SPINE OR EVERGREEN

**E**XTRA early, of a dark green color and very prolific. Fruits range from eight to ten inches in length and the absence of seeds is noticeable. A grand variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.25.

## LONDON LONG GREEN

**T**HE standard of all long green varieties. Almost as early as the shorter varieties but its great size makes up for the difference. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.10; 5 Lbs., \$5.00.

## JAPANESE CLIMBING

**H**ERE is a variety that won't take up so much space in your garden as it easily trails up poles or trellises. Fine sized fruit, 8 to 10 inches long. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; 1 Lb., \$1.75.

## JERSEY PICKLE

**T**HE happy medium between the short and long green cucumbers. Quite pointed at both ends. Very early. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.10.

## EARLY GREEN CLUSTER

**A**SHORT pale-green variety, maturing early. The fruit is born in clusters near the root. The favorite for pickling. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; 1 Lb., \$1.10.

## GHERKIN OR BURR

**M**AKES excellent pickles and is quite a novelty. Fruit is oval-shaped, 2 to 3 inches long. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.



Extra Long White Spine or Evergreen.

# CORN SALAD OR FETTICUS

One ounce will sow about 100 feet of drill.

**S**OW the seed in early spring at the time of the first sowing of lettuce and make successional plantings as often as desired. For very early salads, sow in the fall and by protecting the plants during the winter months with leaves or straw, it can be gathered very early in the spring. If planted in April it is soon ready to use. Corn Salad is best served in mixtures with other herbs, as lettuce, water-cress or white mustard.

**LARGE LEAVED**—The hardest, earliest and most appetizing variety grown. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

## CRESS

**T**HE refreshing piquancy of the leaves of Cress has caused it to be greatly used as an appetizing salad or for garnishing various dishes. One ounce of Cress will sow two hundred feet of row, which will keep you well supplied.

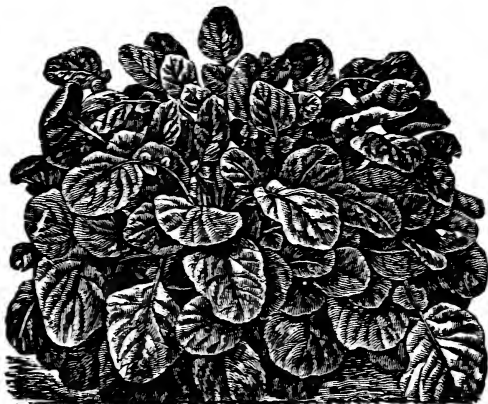
**FINE CURLED (PEPPER GRASS)**—Its rapid growth from seed sown thinly during the spring, summer and fall months has aided materially in the great demand for this variety of Cress. The leaves are finely curled and quite ornamental in appearance, but as the plant soon runs to seed, frequent plantings should be made if you wish to keep up the supply. The flavor resembles that of mustard and is very appetizing. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

**WATER CRESS**—A very hardy plant which can be grown easily in a shallow pond of fresh water or along the edges of shallow running streams. It is in great demand during the winter and early spring months. Seed may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the stream or pond where you wish them to grow. There is quite a demand for Cress and more should be grown by those who have available space. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

## DANDELION

One ounce will sow about 100 feet of drill. **C**ULTURE.—Sow in May, in drills 10 inches apart; thin out to 3 inches apart. We handle on the Large Leaved variety.

**LARGED LEAVED**—Price: Pkt., 10c; ½ Oz., 25c.



Corn Salad.



Witloof Chicory.

## CHICORY

**W**ITLOOF CHICORY—In order to grow good "Witloof" the seed should be sown during April in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, then take up the roots and trim off the leaves up to about 1½ inches from the neck. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart.

**WITLOOF**—Is eaten raw or as a salad and is also sometimes cooked like ordinary Endive. This is the best variety of Chicory. Price: Pkt., 5c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25.

**LARGE ROOTED**—The finest flavored and hardest growing variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 90c.

## ENDIVE

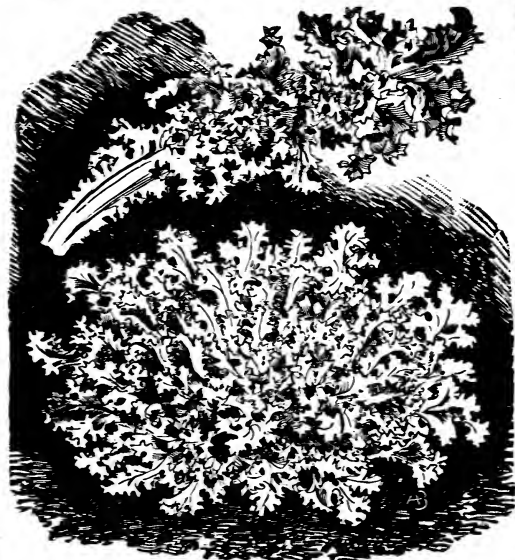
One ounce of seed to 300 feet of row.

**E**NDIVE is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When nearly full grown, and before they are fit for the table, they must be bleached. This is done by gathering the leaves together and tying with yarn. The three varieties of Endive we carry are unexcelled for salads and their distinct flavor have made them liked everywhere.

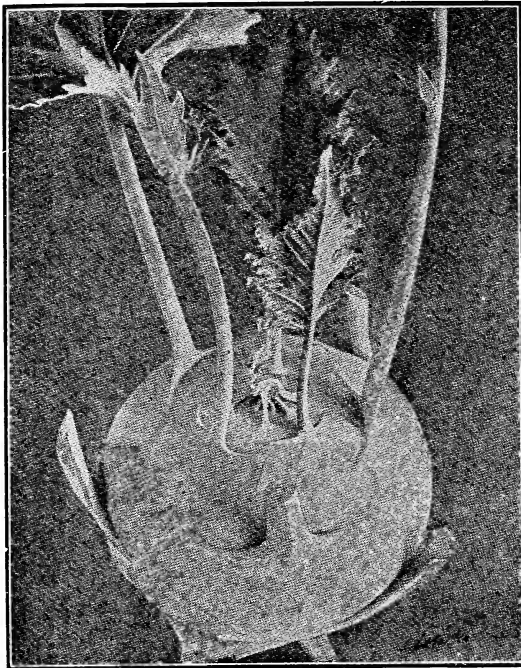
**GREEN CURLED**—Ornamental curled leaves of dark green color. Blanches white and crisp. This is the standard variety and most widely planted. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**WHITE CURLED**—Leaves are not as tender as the green curled but it is self-blanching and very attractive. As it is self-blanching it is easier to grow. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**BROAD-LEAVED or ESCAROLLE**—Broad, thick ribs, with slightly wrinkled leaves. This is the best broad-leaved variety, of fine flavor and much used for greens. Very largely grown. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.



Green Curled Endive.



Kohl-Rabi.

## KOHL-RABI (Kohlrabi)

One ounce will sow about 200 feet of drill.

**CULTURE.**—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cooked the same as turnips, they are very tender and palatable. Sow in spring in rows 14 inches apart, and thin away the plants to 8 inches.

**EARLY WHITE VIENNA**—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; 4 Oz., 90c.

**EARLIEST WHITE ERFURT**—An excellent variety for forcing. It will also do well in the open ground. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; 4 Oz., 90c.

**EARLY PURPLE VIENNA**—Differs from the Early White Vienna in color only. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; 4 Oz., 90c.



Dwarf German Green Home Grown.

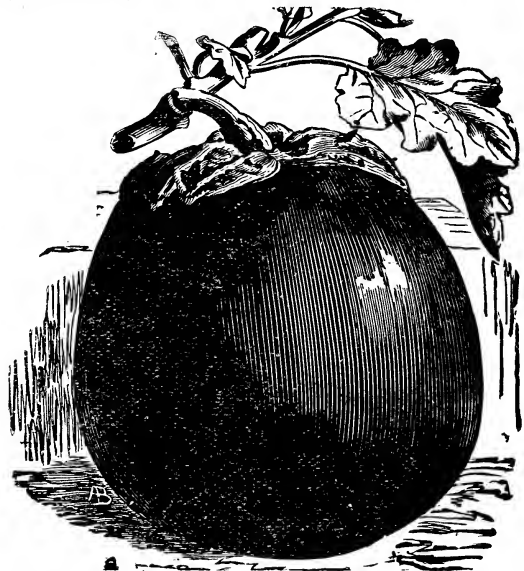
## EGG PLANT (Eierpflanze)

One ounce will produce about 1000 plants.

**S. L. S. CO.'S IMPROVED OVAL SPINELESS**—This new variety, our own production, has proven itself superior to any other strain, being very early. Hardy and productive, it is an ideal variety and gardeners can make more money from this improved and selected strain than from any other. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; 2 Oz., 75c; 4 Oz., \$1.50.

**BLACK BEAUTY**—This distinct new variety is indeed a beauty. It is very attractive in appearance and of excellent flavor. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; 2 Oz., 75c; 4 Oz., \$1.50.

**EARLY LONG PURPLE**—An early, hardier variety; club-shaped, dark purple fruit six to eight inches long, preferred by some for slicing; flesh firm. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; 2 Oz., 75c; 4 Oz., \$1.50.



St. Louis S. Co.'s Improved Oval Spineless.

## KALE (Blatter Kohl).

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

(By Parcel Post, See Page 1.)

**CULTURE.**—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep. Transplant in rows three feet apart and two feet apart in row. Kale is improved by a little frost, giving it a more delicate flavor.

**DWARF GERMAN FOR SPRING**—An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. It has no equal. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 40c; 1 Lb., \$1.25.

**DWARF GERMAN GREEN HOME GROWN (for fall)**—Largely grown for supplying "greens" during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, so that they are not broken off by heavy, wet snow, as often happens with taller types. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 40c; 1 Lb., \$1.25.

**DOUBLE CURLED SCOTCH**—Desirable for Winter and Spring greens. Leaves are curly like Parsley, tender and of very fine flavor. It is improved by frost. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; 1 Lb., \$1.75.

**TALL SCOTCH**—This variety makes beautiful plants, two feet or more in height. Leaves are finely curled and very tender. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; 1 Lb., \$1.75.

## LEEK

One ounce will sow about 100 feet of drill.

**L**EEK is a mild onion flavored plant, prized as being the ideal for soup, etc. Transplant in rows 1 foot apart and 6 inches apart in the row.

**LONDON FLAG**—The earliest, largest and most uniform of all. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 40c; ¼ Lb., 75c; Lb., \$2.75.

**LARGE ROUEN**—A large thick, short-stemmed variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 40c; ¼ Lb., 75c; Lb., \$2.75.



## MUSTARD

(One ounce will sow 40 feet of drill.)

(By Parcel Post, See Page 1.)

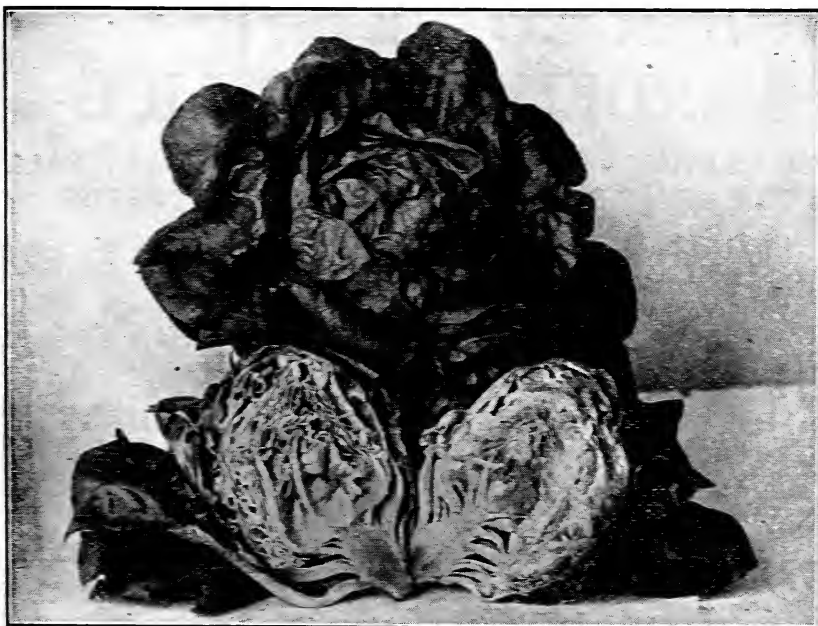
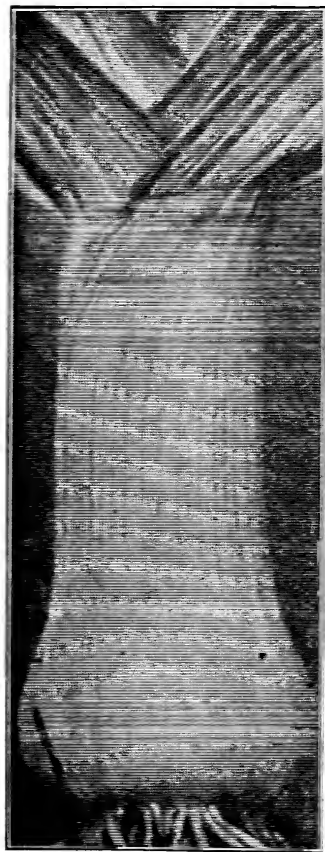
**M**USTARD should be sown in every garden. As a money maker it attains a high rank, always being in great demand by hotels; for greens, salads, etc., it is unsurpassed.

**CHINESE CURLED**—When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length and crimped much like the Savoy Cabbage. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00.

**GIANT SOUTHERN CURLED**—A favorite in the South, growing very large with a beautiful curled leaf. It is very tender and of especially good flavor; also desirable for garnishing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 90c.

**WHITE OR YELLOW LONDON**—Seeds are used for pickling and the leaves are relished by many people. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

## LETTUCE



**C**ULTURE.—Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. Two ounces of seed will sow 150 feet of rows, 4 to 5 lbs. seed required per acre.

### King of the Garden Lettuce

**T**HIS excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. The interior is most beautifully blanched, creamy-white, crisp, tender and delicious and absolutely free from the bitterness prevalent in some lettuce. It is a very large, robust-growing variety, and a sure header even under the most trying conditions. Its slowness in running to seed is another great point in its favor.

For Early Spring or Fall Lettuce you could find no better variety than King of the Garden. For the best results plant early in frames and transplant outside and for fall use, it does remarkably well when grown in frames. This is really as fine a lettuce as you can find anywhere. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.40. Postpaid.



## ST. L. S. CO. BIG MARKET GARDENER LETTUCE

**A GRAND LARGE CABBAGE LETTUCE—FOR EITHER EARLY SPRING OR FALL  
USE—BIG, COMPACT, TENDER AND CRISP, CREAMY—WHITE HEADS**

**T**HIS is the most extensively grown Lettuce in the country either for market or private table. For a time tried and true Lettuce you will find the Market Gardener the finest lettuce that can be planted and when you consider its many fine qualities, you will then realize that anything said about this variety is far from exaggeration; in fact, our strain of Market Gardener cannot be fully described as it is the one perfect lettuce and if you grow it you will learn for yourself.

Whether grown in the open ground for early spring or fall use, or in frames for spring, it invariably gives both the grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet, white and of the most exquisite flavor. Its handsome appearance, with large outside leaves and its long-standing qualities without running to seed have made it the universal favorite.

The best test is to visit some of the large growers in this vicinity and see the large areas of it, may be seen as late as November 15th; a slight covering of salt hay amply protects the plants from hard frosts, and when cut for market the leaves are fresh and bright. Thousands of acres of our Market Gardener are grown during the winter in Florida and other Southern States for shipping to northern markets. We know of no other variety that gives such general satisfaction and for those who have a desire to grow a superior Lettuce, they cannot grow anything better. Years of testing and care have assisted in producing this remarkable Lettuce and it will pay you to take advantage of this and plant this Superior strain. Price: Pkt., 10c; ¼ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50.

For some fine collections of Vegetable Seeds see page 3. Big value and the finest seed makes these collections the greatest bargains ever offered.



# LETTUCE

**CULTURE.**—Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. Two ounces of seed will sow 150 feet of rows, 4 to 5 lbs. seed required per acre.

## EARLY CURLED VARIETIES

**EARLY CURLED SIMPSON**—The standard cutting or loose-headed variety. Earlier than the heading sorts. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., 1.25.

**BLACK SEEDED SIMPSON**—Larger and lighter in color than Early Curled Simpson. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**GRAND RAPIDS**—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Price: Pkt., 10c;  $\frac{1}{2}$  Oz., 15c; Oz., 25c;  $\frac{1}{4}$  Lb., 65c.

**PRIZEHEAD**—As its name implies, forms a very large, loose head, slightly tinged with brown. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.



Big Boston.

## HEADED VARIETIES

### ST. L. S. CO.'S BLACK SEEDED FORCING

**THE** favorite of gardeners who grow for the St. Louis Market, where there is always a big demand for this popular variety. Heads are of a medium size, well formed and compact, of excellent quality and fine appearance. For a fine delicious, early tender Lettuce, plant our Black Seeded Forcing. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.50.

**ST. L. S. CO.'S BIG BOSTON**—This grand variety has proved to be most valuable and is now being more extensively grown for market and private use than any lettuce. Whether it is grown in the open ground for summer and fall use, or in frames for spring, it still produces the

splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white. An ideal Lettuce. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.40.

**ST. L. S. CO.'S IMP. BUTTER**—This is one of the finest, the most brittle as well as the crispest lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head and with but few outside leaves. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.50.

**MAMMOTH BLACK SEEDED BUTTER**—A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.50.

**ST. LOUIS MARKET**—A great favorite among the gardeners where its many good qualities insure for it a big market demand, with a good price for same. Its large heads of crisp, buttery flavor have made this variety the most popular market variety and you can be sure of a big crop of lettuce if you plant our strain of St. Louis Market. For the summer home garden, this variety is gaining in favor and being more extensively used in this way. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.40.

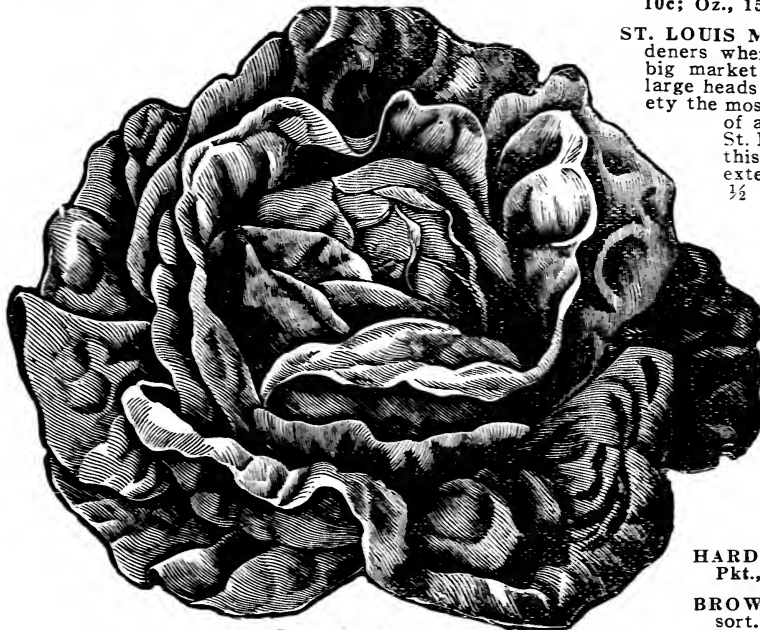
**UNRIVALLED**—A sure heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except the color is lighter green and leaves are not tinged brown. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.50.

**HANSON**—In every respect an ideal lettuce. It never fails to make large handsome heads. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.

**TRIANON COS (Romanine)**—A distinct variety, tall, self-bleaching. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.

**HARDY GREEN WINTER**—Very popular. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.

**BROWN DUTCH WINTER**—The standard winter sort. Of delicious flavor. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 10c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.

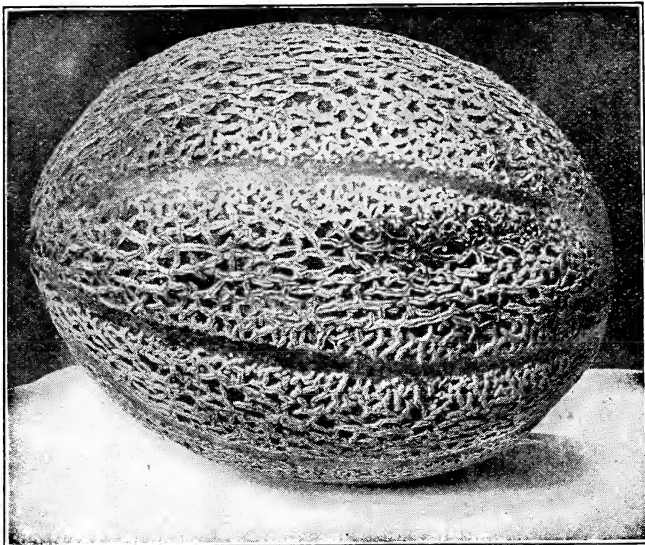


St. Louis Market.

# MUSKMELON

One ounce will plant about 50 hills; 2 to 3 Lbs. in hills per acre.

(Seed by Parcel Post, See Page 1.)



Rocky Ford or Netted Gem.

**ROCKY FORD OR NETTED GEM**—The Melon that made Rocky Ford famous. The favorite green-fleshed shipping variety. Known well and favorably wherever Melons are grown; more largely planted and shipped in larger quantities than any other sort. Flesh green, very thick, sweet and juicy. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

**EARLY HACKENSACK** — Very early and reliable. Skin is green and thickly netted. Flesh light green. This valuable variety is ready for market fully ten days ahead of the well-known Hackensack. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

**LARGE HACKENSACK (medium Early)**—The Fruit is large and flattened. Ribs large and of irregular width, densely covered with coarse netting. Green flesh, thick, and excellent flavor. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

**OSAGE**—Dark green skin of a peculiar netting. Salmon flesh, very delicious. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

**HONEY DEW**—Melons are a little different from both Muskmelons and Watermelons. The skin is smooth and hard, flesh extremely tender, rich, sweet and juicy. Price: Pkt., 5c; Oz., 20c; ¼ Lb., 60c; Lb., \$2.00.

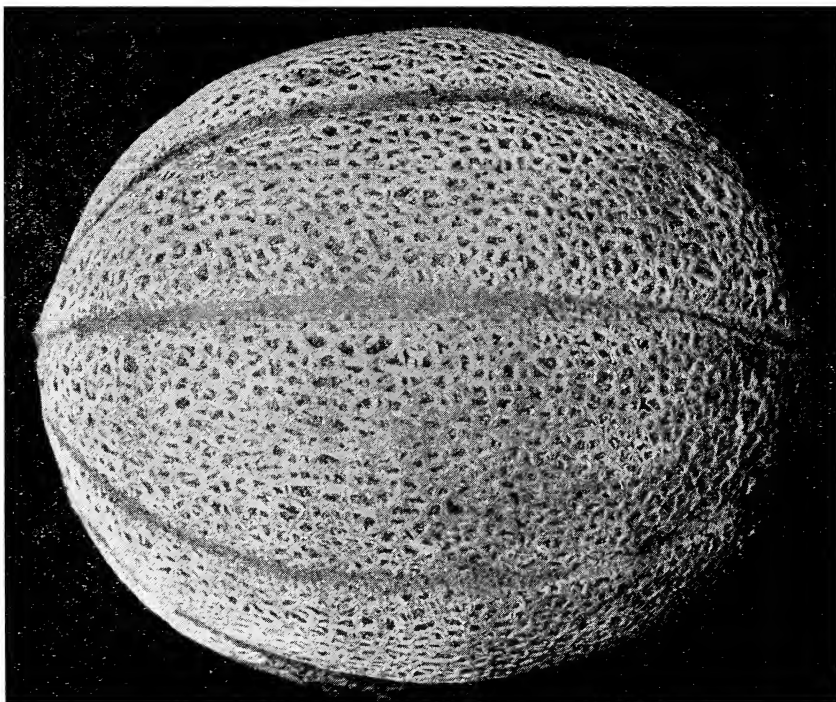
**IMPROVED CASABA**—A large oblong melon; green flesh and of delicious flavor and fine quality. Price: Pkt., 5c; Oz., 20c; ¼ Lb., 60c; Lb., \$2.00.

**CULTIVATE** in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 18 inches deep, and half-filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting.

**ST. L. S. CO.'S EDEN GEM**—This famous variety is the finest early green-fleshed of all the Rocky Ford type Melon in cultivation. The fruits are remarkably uniform in size, weighing from one and a quarter to one and a half pounds each. They are quite thick meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the Melon ripens. Flesh light green in color, firm but melting, of uniformly fine flavor. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**ST. LOUIS MARKET**—By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid, with a rich aromatic flavor that is simply indescribable. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**BURREL GEM**—The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford, only larger. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.



St. L. S. Co.'s Eden Gem.



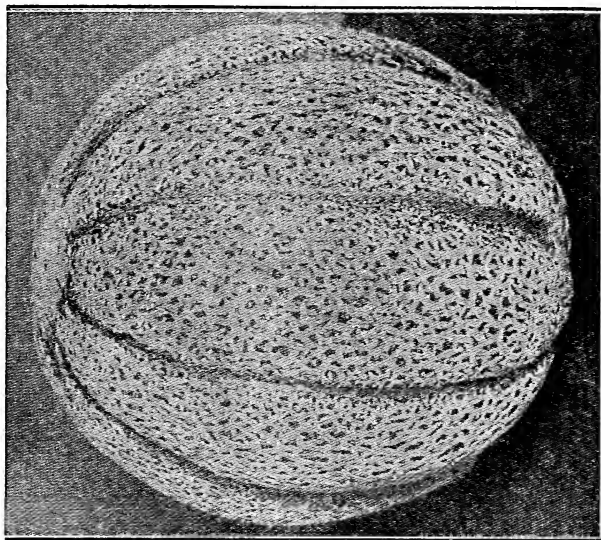
## MUSKMELON—Continued

**COLORADO QUEEN**—We pronounce this the best green-fleshed melon for shipping long distances offered to date. It is as early as the Rocky Ford, with deep flesh. The illustration shows the shape. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy slightly covering the ribs. It averages a trifle larger than Burrell Gem. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c; Lb., \$1.50.

**EMERALD GEM**—It is of a rich delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. Exceedingly popular variety for market gardener or home use. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**POMEGRANATE**—When ripe, color of an orange. Fragrant. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.

**BANANA**—Very long Cucumber-shaped; delicious odor; late. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 50c.



Colorado Queen.

## WATERMELON

One ounce will plant about 50 hills.

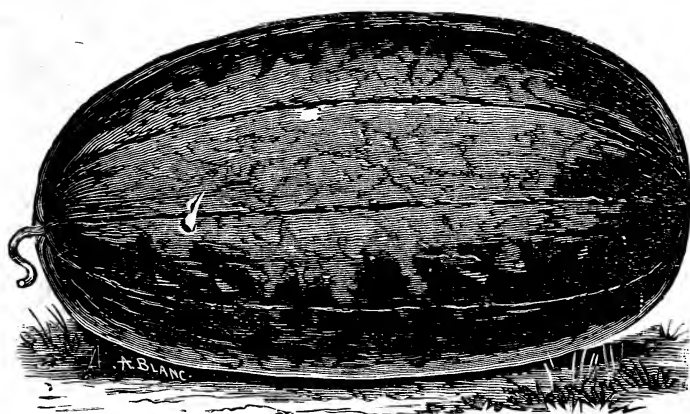
**Culture.**—Treat the same as muskmelon, except that they should be planted 8 to 10 feet apart, according to variety (By Parcel Post, See Page 1.)

**FORDHOOK EARLY**—A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**KLECKLY SWEETS (Monte Cristo)**—Is especially recommended for its fine flavor—in this respect surpassing most all others. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**TOM WATSON**—A large, oblong melon, the skin of which is dark green, with thick netting on the entire surface, quite distinct from other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter and weighs 50 to 60 pounds. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; Lb., 90c.

**BLACK DIAMOND**—A large melon, very productive. It is oval in shape with very dark skin. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.



Tom Watson.

**ST. L. S. CO.'S SWEETHEART**—This melon is our great leader; it is one of the finest large melons in existence. Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**McIVER'S WONDERFUL SUGAR**—This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**FLORIDA FAVORITE**—Shape oblong, with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**ALABAMA SWEET**—This, without question, is the greatest melon ever offered. It is superior to others both in size and weight. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**GEORGIA RATTLESNAKE**—One of the largest varieties, and stands shipping long distances. Fruits of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.

**IMPROVED TRIUMPH**—The largest, the sweetest, and one of the most beautiful melons in cultivation. Medium late. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c.

**CITRON**—Grown extensively for preserving. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c.

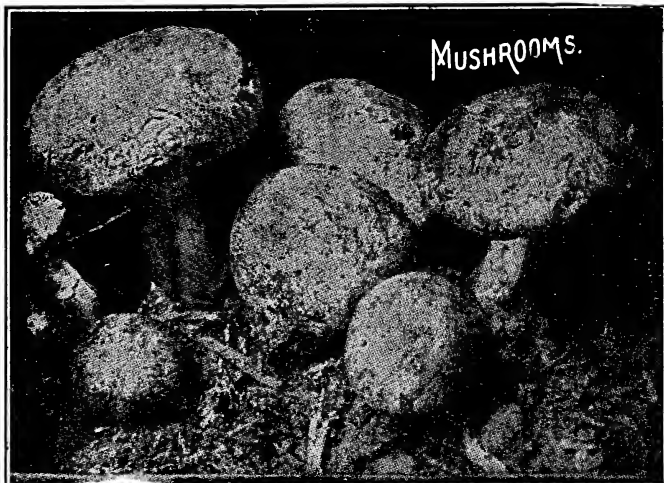
WE DELIVER FREE IN THE U. S.  
ALL VEGETABLE AND FLOW-  
ER SEEDS BY THE PACKET,  
OUNCE OR QUARTER POUND.

## MUSHROOM CULTURE

**Mushroom Culture Leaflet Mailed Free. Ask for it when you order your Spawn.**

**M**USHROOMS may be grown in a great number of places such as a dark room, cellar, stable and many other places. In fact, any place in which an even temperature of about 50 to 60 degrees may be kept, is suitable. The growing of Mushrooms is one of the most profitable for the person who has the space, and the big demand for Mushrooms all over the country has increased greatly and this delicacy finds a ready market. Enormous quantities of Mushrooms are used by hotels, restaurants and even private families and the easiness with which they are grown ought to find a bigger supply.

The making of the Mushroom bed has puzzled many and for that reason we have prepared a special Cultural Circular on Growing Mushrooms. We will gladly send this circular free to anyone interested and it will also be included with your order for spawn if you mention it on your order. This leaflet will help you solve many of the difficulties which confront the beginner.



### LAMBERT'S PURE CULTURE SPAWN

**T**HIS Spawn is far superior to the old style varieties, as much better results can be obtained from its use. It is the best that can be obtained and always being fresh, it is of quicker and stronger growth than the imported spawn and has given such general satisfaction that we handle only this variety of Spawn.

We always have a fine, fresh supply of "Pure Culture" Spawn on hand and you can depend on getting the kind of spawn that will produce large mushrooms. There has been such a great demand for this spawn that we were unable to obtain any but the manufacturers are again making regular shipments and our many growers can expect their usual supply of spawn of the highest quality.

This Spawn comes in bricks weighing about 18 to 20 ounces. A brick is sufficient to spawn ten square feet of bed. Be sure to mention the cultural leaflet when you order your spawn. **Price: Per Brick, 25c; 5 Bricks, \$1.15; 10 Bricks, \$2.25; 100 Bricks, \$19.00.** If wanted by parcel post add 5 cents a brick for postage.

### OKRA, OR GUMBO

One ounce will sow 40 feet of drill.

(By Parcel Post, See Page 1.)

**T**HIS celebrated Southern plant is becoming popular wherever grown, its nutritious young seed pods being used for stews, soups, etc., and is always in big demand. Sow seed thinly in drills one inch deep and three feet apart. When well up thin out the plants to one foot apart. Gather the pods when young. Very delicious and appetizing.

**WHITE VELVET**—Beautiful, smooth velvety white pods, produced in the greatest abundance. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 75c.**

**PERKINS MAMMOTH LONG POD**—In productiveness this Okra is simply wonderful. Pods of an intense green color, are of an unusual length and do not get hard. It is one of the best green sorts for canning for winter use. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 75c.**

**DWARF GREEN**—The standard dwarf, short green-pod variety. Very productive. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 75c.**

### OYSTER PLANT OR SALSIFY

One ounce will sow 50 feet of drill.

**MAMMOTH SANDWICH ISLAND**—This is without doubt the favorite variety of Salsify, as well as the largest and best sort in cultivation, reaching large proportions, and therefore a very heavy yielder. It is a superb winter keeper and is unequalled either for market or for home use. This delicacy should be more widely planted on account of its delicious flavor. It is exceptionally nutritious. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$3.00.**

### READ THESE BOOKS ON MUSHROOMS

**MUSHROOM CULTURE**—By Robinson. The best English book, cloth bound. **Price: \$1.00. Postpaid.**

**MUSHROOMS**—By W. Falconer. The best American book. **Price: \$1.50. Postpaid.**



Dwarf Green Okra.

# ONION

An ounce will sow 100 feet of drill. Four to five pounds to the acre for Large Onions.

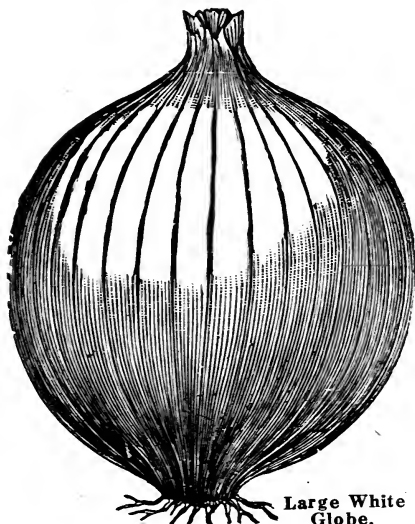
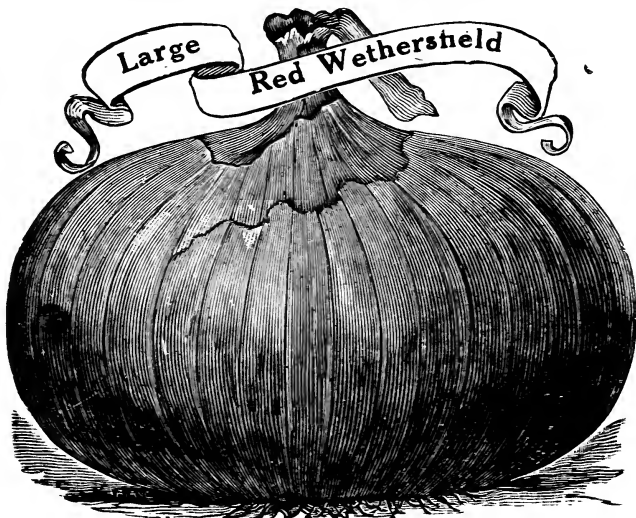
**CULTURE.**—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil; when plants are strong enough, thin out to 3 or 4 inches. Have ground thoroughly cultivated, free from weeds and well fertilized.

**EARLY RED TRIPOLI**—A grand early red variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.75.

**LARGE RED WETHERSFIELD**—Undoubtedly the most popular Onion ever grown. The standard of all red varieties. Skin is deep purple red, flesh purplish white. (See cut.) Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.75

**LARGE RED GLOBE**—This celebrated variety differs from the Wethersfield in being almost a perfect globe and matures later, and by its handsome appearance on the market sells better. An excellent keeper. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.75.

**YELLOW GLOBE DANVERS**—A very handsome round or globe shape variety of large size, with thin, yellow skin. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.75.



Large White Globe.

**GIANT YELLOW PRICE TAKER**—Our new Giant Yellow Price Takes cannot be recommended to highly. There is a limit to the good quality of other Onions. The king of all main crop varieties. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.75

**MAMMOTH SILVER KING (White Garanus)**—One of the greatest, grandest and most delicious Onions ever offered. Grows very large, early; flat but thick through; tender and of very mild sweet flavor; uniform in size and shape. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25; Lb., \$4.25.

**PHILADELPHIA SILVERSKIN**—One of the leading white sorts, beautiful shape and mild flavor. It is largely used for growing sets on account of its fine shape when small. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.75.

**LARGE WHITE GLOBE**—This celebrated Onion in appearance and quality is one of the finest in cultivation. Perfectly globe-shaped, with pure white skin; fine grained and of excellent flavor. A good keeper. Price: Pkt., 10c; ½ Oz., 20c; Oz., 30; ¼ Lb., 90c; Lb., \$3.25.

## ONION SETS

(By Parcel Post, add 5c a qt. postage. Prices subject to change.)

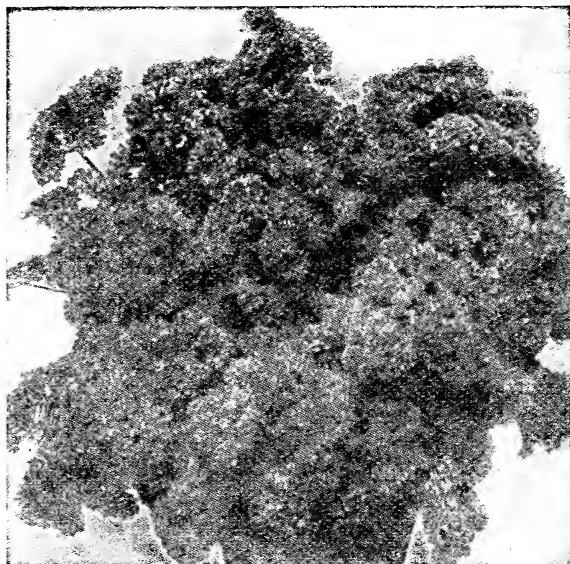
**THE** advisability of planting onion sets is recognized everywhere and if you want fine young green onions in short time, it will pay you to plant them, and not only will you have green onions in much shorter time but you will also have this space in your garden available for planting other vegetables. Also valuable for producing large Onions for storing or winter use.

**WHITE ONION SETS**—For setting in early Spring to produce the first early white Onions. We have a select grade of these sets. Price: Qt., 25c; Gal., 90c; Pk., (8 lbs.), \$1.50; Bu., (32 lbs.), \$5.00.

**YELLOW ONION SETS**—These, like the white and red, are for early setting in spring. Fine for raising early big onions. Price: Qt., 25c; Gal., 75c; Pk., (8 lbs.), \$1.25; Bu., (32 lbs.), \$4.50.

**RED ONION SETS**—Very widely used for setting in early spring to produce green onions for the table, and also for large onion. Price: Qt., 25c; Gal., 75c; Pk., (8 lbs.), \$1.25; Bu., (32 lbs.), \$4.50.

**GARLIC**—Used for flavoring soups, stews and other dishes. The crop matures in August when it is harvested like the onion crop. Price: ½ Lb., 60c; Lb., \$1.00; 5 Lbs., \$4.50.



Double Curled Parsley.

## PARSLEY

(By Parcel Post, See Page 1.)

One ounce will sow 100 feet of drill.

**CULTURE**—Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hot-beds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

**DOUBLE CURLED**—Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

**HAMBURG, OR ROOTED**—A rooted variety, of which the roots are the portion used; good in flavoring soups and stews. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

**PLAIN LEAF**—Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

## PEPPER

One ounce will produce about 2,000 plants.

**CULTURE**—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in row. For prices on pepper plants, see page 39.

## CRIMSON KING PEPPER

A VERY HEAVY CROPPER, THE BEST MANGO ON THE MARKET TODAY

**HABIT** of growth robust and stocky with no tendency to grow an immense plant with little or no fruit. The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. (See illustration.) In weight is much heavier than any other variety of the same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Growers will have no difficulty in selling all they can grow, customers preferring it to all others for making mangoes. Our seed is saved from most perfect type. Price: Pkt., 10c; ½ Oz., 25c; Oz., 50c; ¼ Lb., \$1.75.

**CHINESE GIANT**—The largest and most handsome Pepper in the world, twice the size of its nearest rival. They grow to the enormous size of five to six inches across the top. The flesh is very mild and sweet and also very thick. Price: Pkt., 10c; ½ Oz., 25c; Oz., 50c; ¼ Lb., \$1.75.

**RUBY KING**—One of the standard Peppers, very large and of mild flavor. Bright ruby red color. Price: Pkt., 5c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25.

**BELL OR BULL NOSE**—Early and of mild flavor. A favorite for pickling. Large, bright red, thick flesh. Price: Pkt., 5c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25.

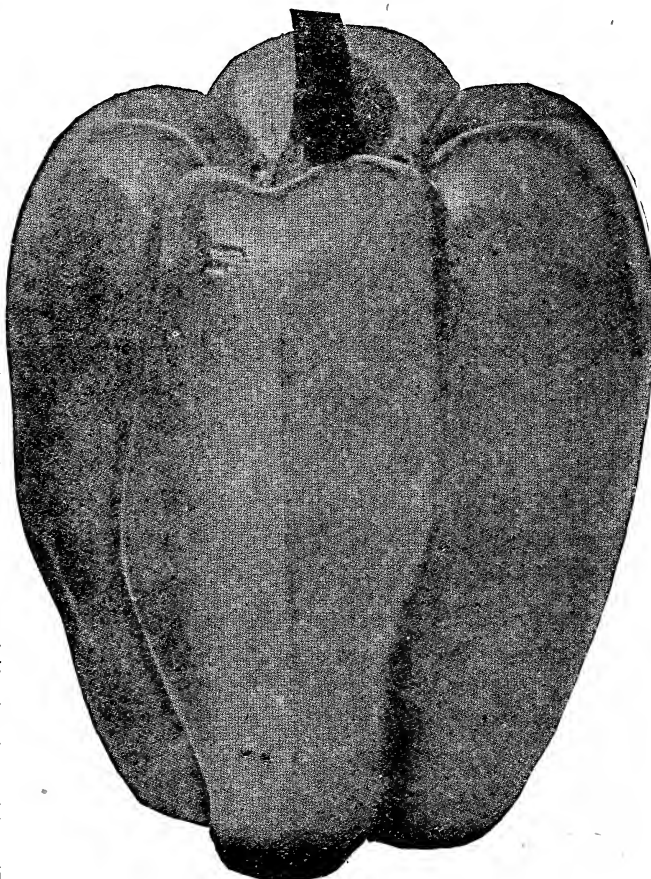
**SWEET MOUNTAIN**—Larger in size and milder in flavor than Bell or Bull Nose. Very productive. Price: Pkt., 5c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25.

**LONG RED CAYENNE**—Of dwarf growth, bearing long, pungent pods. Very productive. An ideal home variety. Price: Pkt., 5c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25.

**RED CHILI**—Smaller and later than Cayenne. Extensively used for pepper sauce. Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c.

**RED CHERRY**—The finest of the small, round varieties. Excellent for pickles, sauce, etc. Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c.

**TABASCO**—Produces an enormous number of small slender and very hot fruit one inch in length. Vivid scarlet. Price: Pkt., 10c; ½ Oz., 25c; Oz., 50c.



Crimson King Pepper.



# PEAS

(Peas by Parcel Post, See Page 1.)

**CULTURE.**—Plant early, smooth varieties as soon as frost is out of ground; follow with the early wrinkled sorts in a week or 10 days and make successive plantings every 10 days until middle of June. Plant 2 to 3 inches deep, in rows 24 inches apart, if cultivated by hand; if by horse power rows should be 3 feet apart. Dwarf varieties require no sticks, tall varieties do better staked. Use 1 Lb., to 50 feet of drill, 2 to 3 bushels per acre.

## NEW LAXTONIAN PEA

**T**HIS new variety we esteem very highly as a very large podded Pea, very robust and vigorous, producing big crops of the most luscious peas. The many merits found in our New Laxtonian have made it the most popular Pea of all and in it we find all the good points that will make the planting of it worth while. The pods are larger and longer than the average large podded sorts and are well filled with large Peas of the most excellent flavor.

In habit, the vines are strong and branching, bearing large rich, deep-green, straight, handsome pods averaging  $4\frac{1}{2}$  to 5 inches in length. It is a main crop variety about 18 inches high, requires no brushing and produces an abundance of the finest Peas possible, for in no other variety will you find such vigorous plants well laden with pods.

These Peas possess the admirable merit of preserving their tenderness and luscious flavor long after they are young and what is still more, they retain their attractive dark green color when served. For an unexcelled strain of this famous variety,



Laxtonian.



St. L. S. Co.'s Impr. Extra Early.

it will pay you to get your seed from us. Price: Pkt., 10c;  $\frac{1}{4}$  Lb., 20c;  $\frac{1}{2}$  Lb., 30c; Lb., 50c; 5 Lbs., \$2.00; 10 Lbs., \$3.75; 15 Lbs., \$5.25.

## EXTRA EARLY VARIETIES

**ST. L. S. CO.'S IMPROVED EXTRA EARLY**—Superior to all rivals. Very prolific, bushes becoming loaded with large, smooth green peas of beautiful texture. Matures in from 40 to 45 days after germination, very uniformly. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.

**ALASKA**—One of the earliest smooth varieties. Pods are a dark green color, extra well filled and ripen very uniformly. Height about 2 feet. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.

**FIRST OF ALL, or ECLIPSE**—Pods grow large and solid and contain from one to two more Peas to a pod than any other variety. Vines average a height of about 24 to 26 inches, and produce pods in abundance. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.

## SECOND EARLY AND MAIN VARIETIES

**OF THESE**, there are two distinct types of growth; namely, those of low dwarf or "bush" habit, fifteen to eighteen inches in height, which do not require support, and those making a vine or running growth ranging in height from three to five feet, and which do best if provided with brush or a suitable trellis to support the vine.

**ST. L. S. CO.'S SUTTONS EXCELSIOR**—This Pea is the leader of the main-crop varieties, of vigorous constitution which shows itself in the strong, handsome plant, about 18 inches high. The excellent quality of the peas, large size of the pods, heavy yielding properties and hardiness have made it a great favorite among the gardeners. Peas are of dark green color, stout and heavy, and contain from 7 to 9 Peas of the most exquisite quality. Price: Pkt., 10c;  $\frac{1}{4}$  Lb., 20c;  $\frac{1}{2}$  Lb., 30c; Lb., 50c; 5 Lbs., \$2.00; 10 Lbs., \$3.75; 15 Lbs., \$5.25.

**GRADUS OR PROSPERITY**—The earliest of all the wrinkled Peas. Produces large green pods 4 to 6 inches long. The vines are two feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine, contain from six to ten Peas of luscious quality. Price: Pkt., 10c;  $\frac{1}{4}$  Lb., 20c;  $\frac{1}{2}$  Lb., 30c; Lb., 50c; 5 Lbs., \$2.00; 10 Lbs., \$3.75; 15 Lbs., \$5.25.



# PEAS, SECOND EARLY AND MAIN VARIETIES

Continued.

## AMERICAN WONDER

**T**HE old popular favorite among all who grow Peas and year after year has seen greater plantings of this meritorious Pea, and especially of our improved strain. In our American Wonder you have all the fine qualities that could be desired for the small dwarf-like bushes are so heavily laden with beans of the finest quality, that for home use it is unequalled. Bushes grow to height of about 15 inches and peas are of that well-liked dark-green color. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.

## ST. L. S. CO.'S NOTT'S EXCELSIOR

**T**HIS dwarf pea is known by all and is in popular favor. Our new strain of Nott's Excelsior is a winner and is far superior to most peas in quality. The vines are vigorous and very prolific. Easily grown and relished by all. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.

## TELEGRAPH

**P**EAS very large and of dark green color; seed almost smooth. Vines are tall, about four to four and one-half feet. Pods are exceedingly large, about four and one-half inches long. This is a splendid garden variety and the gardener who plants this variety is sure of a profitable crop. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.

## LATE VARIETIES

**BLACK EYE MARROWFAT**—An old-time favorite that still is in great demand. It is the old standard for market and field culture. Smooth Pea, black eye. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 15c; Lb., 30c; 5 Lbs., \$1.40; 10 Lbs., \$2.50; 15 Lbs., \$3.25.

**WHITE MARROWFAT**—Like the Black-Eyed Marrowfat; this variety is extensively sown as a field crop. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 10c;  $\frac{1}{2}$  Lb., 15c; Lb., 30c; 5 Lbs., \$1.40; 10 Lbs., \$2.50; 15 Lbs., \$3.25.

## PEAS, EDIBLE POD

**EDIBLE POD TALL MELTING SUGAR**—A foreign Pea, little known in this country. A wonderfully productive sort. Price:

Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75.  
**EDIBLE POD DWARF GREY SUGAR**—Of a dwarf growth, a fine edible pod when young. Price: Pkt., 5c;  $\frac{1}{4}$  Lb., 15c;  $\frac{1}{2}$  Lb., 25c; Lb., 40c; 5 Lbs., \$1.75.

## PARSNIP

One oz. of seed for 200 ft. of row; 5 lbs. seed required for an acre.

**C**ULTURE.—Work the soil very deep and pulverize the surface thoroughly. Sow the seed in early Spring,  $\frac{3}{4}$  of an inch deep, in rows 12 to 18 inches apart.

As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 6 inches apart in the row.

Cultivate sufficiently to keep the soil loose throughout the season. Freezing improves the quality of Parsnips for table use, so it is customary to take up in the Fall when the ground begins to freeze what will be needed for winter use, leaving the remainder to winter over in the ground, or better still, putting them as is often done with other roots so that access may be had to them at any time.

**HOLLOW CROWN (Large Sugar)**—The best and most widely cultivated variety. Grows long, smooth, tender and is very sugary. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c;  $\frac{1}{2}$  Lb., 60c; Lb., \$1.00; 5 Lbs., \$4.50.

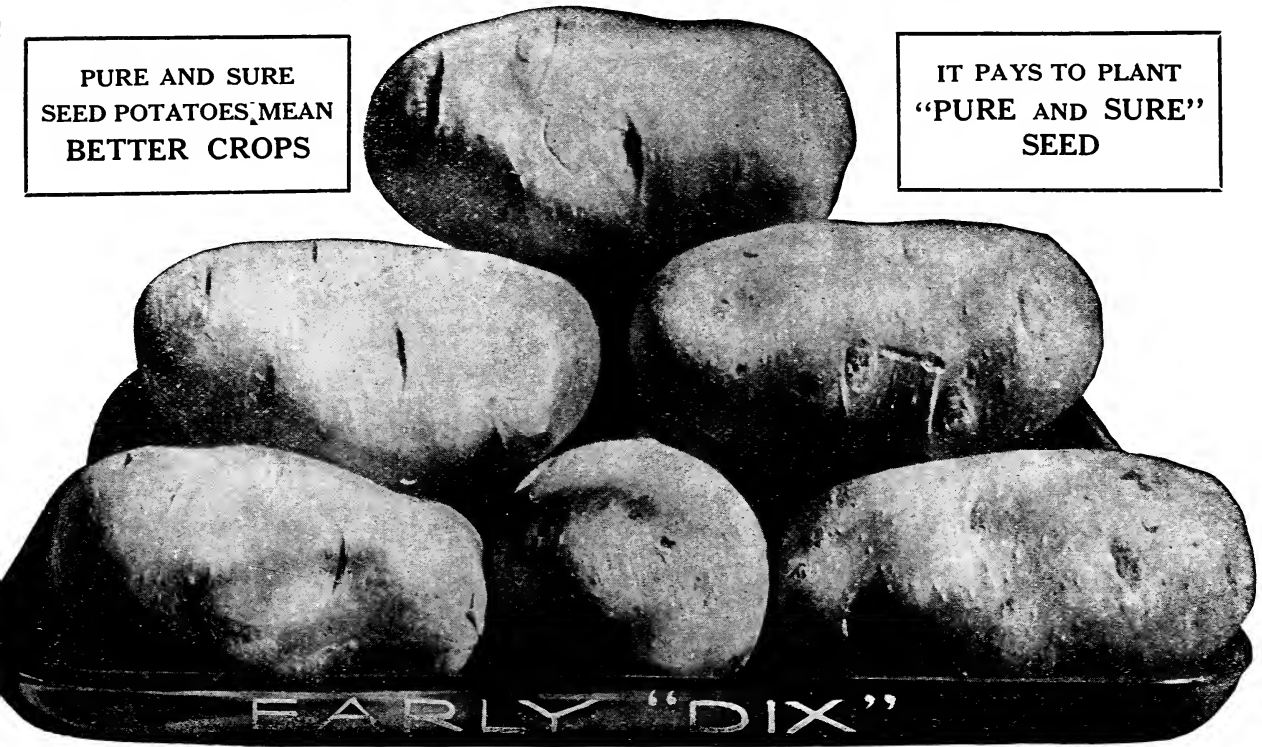


# NORTHERN GROWN SEED POTATOES

PRICES ARE SUBJECT TO CHANGE ON ALL POTATOES

PURE AND SURE  
SEED POTATOES MEAN  
BETTER CROPS

IT PAYS TO PLANT  
"PURE AND SURE"  
SEED



**C**ULTURE.—Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.

## EARLY "DIX" POTATO

**T**HE "Pride of the 'Red River Valley'". We offer it to you now as "The earliest Potato Grown." We are ready to stake our reputation that you will say so, too, when you have tried. It is of the most uniform growth ever known. It is earlier than the famous Early Ohio. It is better as a yielder, and has no yellow or black core. Its tops are of an upright growth, bush form. Its skin is of a light red-pinkish color; its eyes are very shallow, and many; its dry and mealy nature is supreme. Price: 5 Lbs., 40c; 10 Lbs., 75c; 15 Lbs., \$1.00; 60 Lbs., \$3.25.

## IRISH COBBLER

A FINE EARLY WHITE POTATO.

**T**HIS has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the Early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. Price: 5 Lbs., 40c; 10 Lbs., 75c; 15 Lbs., \$1.00; 60 Lbs., \$3.25.

## EARLY OHIO

**N**ORTHERN-GROWN in the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. Price: 5 Lbs., 40c; 10 Lbs., 75c; 15 Lbs., \$1.00; 60 Lbs., \$3.00.

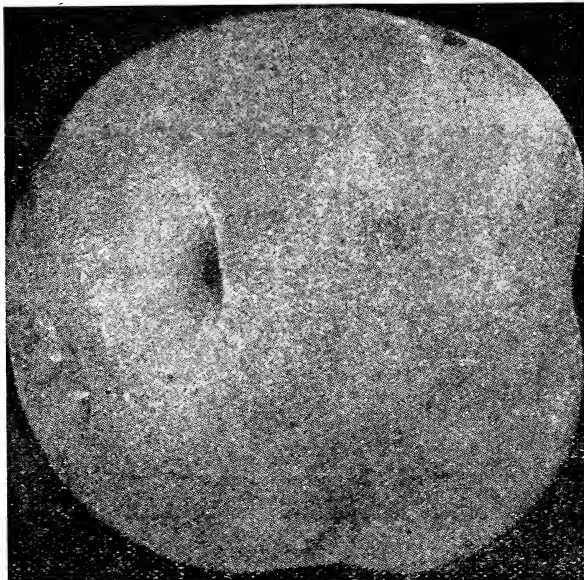
## BLISS' RED TRIUMPH

**E**XTREMELY prolific and a full week advance of Early Rose. Color, a beautiful light red. Size, medium. Growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers, and is shipped to the Northern markets. Price: 5 Lbs., 40c; 10 Lbs., 75c; 15 Lbs., \$1.00; 60 Lbs., \$3.25.

## EARLY ROSE

**N**O INTRODUCTION is necessary for this standard productive variety. For earliness, goodness of quality and a No. 1 market sort, it stands in the top rank. Price: 5 Lbs., 40c; 10 Lbs., 65c; 15 Lbs., 90c; 60 Lbs., \$2.75.

## SEED POTATOES—Continued



Carman Potato.

### SEED SWEET POTATOES

**WHITE SOUTHERN QUEEN**—These are the large "Yams" so popular in the South. Price: 10 Lbs., 75c; 25 Lbs., \$1.25; 50 Lbs., \$2.50.

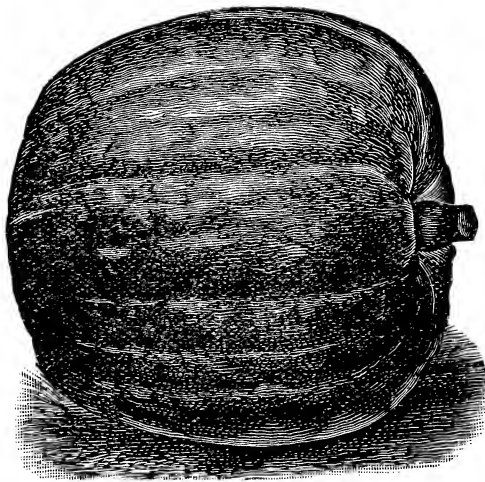
**EARLY YELLOW NANSEMOND**—Longer and not so chunky as the above variety. Very sweet and an ideal sweet potato. Price: 10 Lbs., 75c; 25 Lbs., \$1.25; 50 Lbs., \$2.50.

**EARLY RED NANSEMOND**—Similar to Yellow Nansemond, only red in color. This is a very productive variety. Price: 10 Lbs., 75c; 25 Lbs., \$1.25; 50 Lbs., \$2.50.

**RED BERMUDA**—One of the most popular varieties in existence of a large, solid nature, and the the heaviest yielder. Price: 10 Lbs., \$1.00; 25 Lbs., \$2.00; 50 Lbs., \$3.75.

**NANCY HALL**—Much preferred for the southern markets. Price: 10 Lbs., \$1.00; 25 Lbs., \$2.00; 50 Lbs., \$3.75.

**SWEET POTATO PLANTS**—Ready about May 15th. Any of the varieties listed above. Price: 100 for 60c; 1000 for \$5.00.



### BIG BUSTER

**T**HE finest late potato in existence. Its make-up is of the most handsome type and as a main crop it will prove itself supreme. It is of large size, white skin, eyes shallow, very white inside, dry and mealy. Its yielding qualities are far ahead of any on the market today. Why people will plant old, worn-out varieties, when they can get such new ones as these, is a mystery to us. We have only a limited supply this season. Price: 5 Lbs., 40c; 10 Lbs., 75c; 15 Lbs., \$1.00; 60 Lbs., \$3.25.

### RURAL NEW YORKER

**T**HE standard white market potato. It is very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural. Price: 5 Lbs., 40c; 10 Lbs., 65c; 15 Lbs., 90c; 60 Lbs., \$2.75.

### CARMAN

**O**NE of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. This characteristic applies also to Rural New Yorker. Our seed has been very carefully selected and given the best soil for a number of years. Price: 5 Lbs., 40c; 10 Lbs., 65c; 15 Lbs., 90c; 60 Lbs., \$2.75.

### CONCAVED SEED POTATO KNIFE



In our new Concaved and Curved Seed Potato Knife we not only offer you a knife that is good for planting season, but as a household article for peeling apples, potatoes, etc. Price: Each, 25c.

### PUMPKINS

One ounce will plant 50 hills.

(By Parcel Post, See Page 1.)

**C**CULTURE.—Plant in April or May, among corn, or in the garden, in hills 8 to 10 feet apart, and otherwise treat in the same manner as melons.

**MAMMOTH KING or POTIRON**—The best large pumpkin in use. Forms immense globular shape flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**LARGE CHEESE**—Shape flat; skin mottled light green and yellow, changing to a rich cream color. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

**KENTUCKY FIELD**—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin that is very productive and excellent for stock. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

**SMALL SUGAR**—Best for home use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 90c.

**JAPANESE PIE**—Similar in size and form to the well-known Cushaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh deep yellow of fine quality. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 90c.

**TENNESSEE SWEET POTATO**—A good variety for making pies and other cooking purposes. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 90c.

# SPINACH

(By Parcel Post, See Page 1.)

One ounce will sow 50 feet of drill. Twenty to twenty-five pounds will sow an acre.

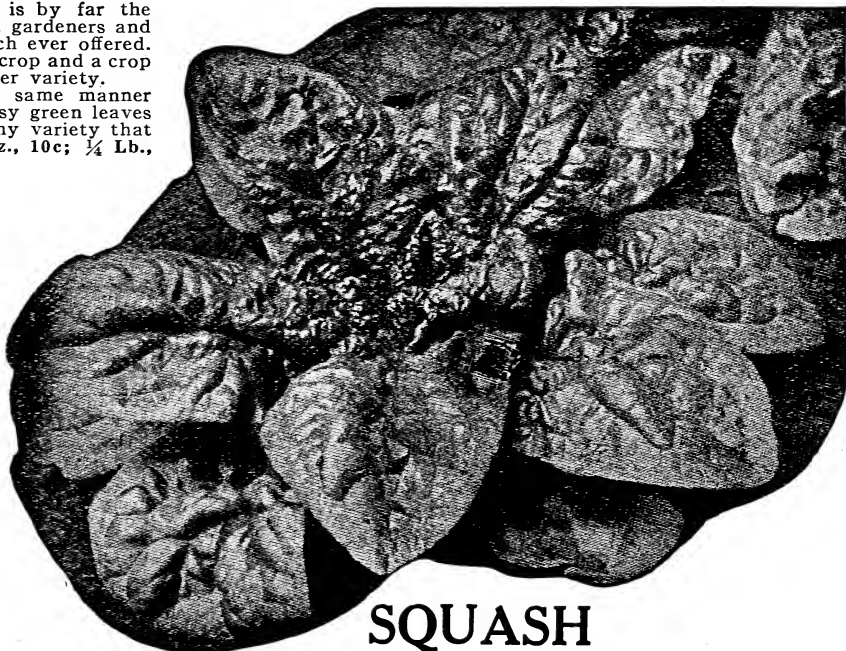
**CULTURE.**—Spinach may be sown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop.

**BLOOMSDALE or SAVOY**—This is by far the most popular Spinach among the gardeners and is the best spring and fall Spinach ever offered. It quickly grows into a fine, large crop and a crop of this variety outweighs any other variety.

The leaves are wrinkled in the same manner as the Savoy Cabbage, with glossy green leaves of medium size, and surpasses any variety that we know of. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 25c; Lb., 50c; 5 Lbs., \$2.00.

**ROUND THICK LEAF**—Leaves round and almost smooth. Produces large, round thick, dark green leaves, somewhat crumpled, and has the excellent quality of standing a long time. Our strain of this superb Spinach is unexcelled and perfectly hardy and it is the finest variety for late plantings. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 25c; Lb., 50c; 5 Lbs., \$2.00.

**NEW ZEALAND**—Makes a luxuriant growth all summer. In its appearance it is entirely distinct from other Spinach. It is of exceptional fine quality and extremely tender. For the best results, it is advisable to soak the seed before planting. For an unexcelled strain of this desirable Spinach plant "Pure and Sure" strain. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.00; 5 Lbs., \$4.50.

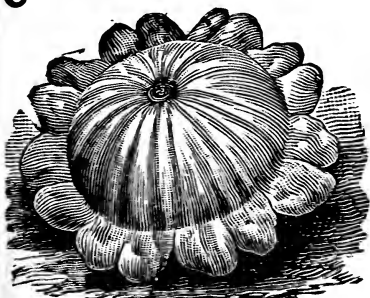


# SQUASH

(By Parcel Post, See Page 1.)

One ounce of the small seeded varieties will plant 20 hills; 2 to 3 pounds an acre.

**CULTURE.**—Do not plant until settled weather, as plants are very tender. Use same methods as for Cucumbers and Melons.



Mammoth White Scallop Bush.

**EARLY WHITE SCALLOP BUSH**—A beautiful white Squash of light cream color, large size flat. Elegant for home use. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**MAMMOTH WHITE SCALLOP BUSH**—This handsome large white variety is about twice the size of the Early White Scallop Bush, purer white color and in quality is far superior to above. It resembles the above variety in growth and habits. This is really an improved selection over the above and is without doubt the finest of all summer squash. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**YELLOW SUMMER CROOKNECK**—This famous variety is an ideal baking sort as well as being enormously productive. It is of a bush form. Small crooked neck, with warts. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**HUBBARD**—Time-tried and worthy of the consideration of all and should be planted by everyone who relishes squash. For Fall and Winter use it is without equal and especially as a winter keeper has it won great favor. Flesh is of a dark yellow color, fine grained. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.50.

**VEGETABLE or ITALIAN MARROW**—The very earliest of all the Squashes. Although usually eaten when quite small still it is good for the table when nearly full grown. The color is dark green at first, but changes to a lighter green as it matures. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**IMPROVED STRIPED CUSHAW**—It is of a beautiful variegated coloring, producing stripes of a mottled effect. Very prolific and of medium size; an ideal baking variety. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

**DELICIOUS**—A very early winter variety of medium size. It varies somewhat in color and form, usually oval shaped with green, smooth skin, sometimes slightly mottled. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.50.

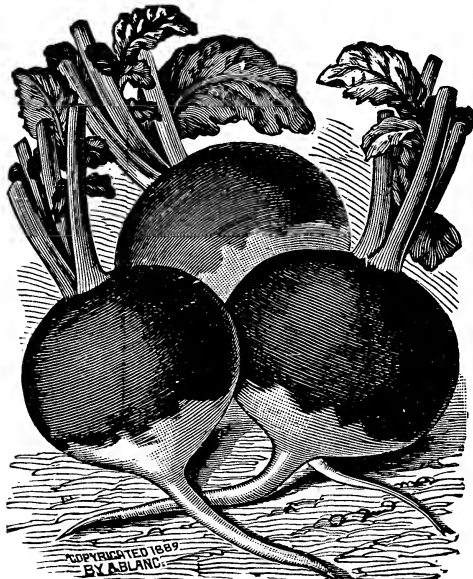


Hubbard Squash.

# RADISH

(By Parcel Post, See Page 1.)

**CULTURE.**—Sow seed as early in Spring as ground can be well cultivated, in drills, 10 to 12 inches apart; thin out to 1 inch apart for small, 2 to 4 inches for large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety. One ounce to 100 feet of drill, 10 to 12 pounds per acre.



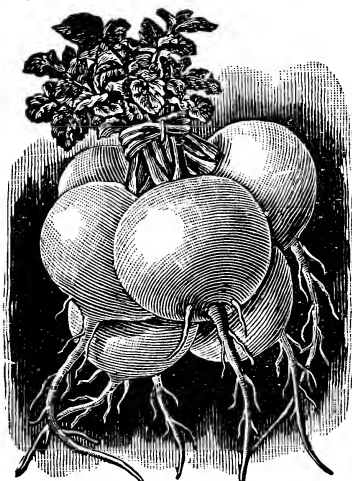
Early Scarlet Turnip White Tip.

**ST. L. S. CO.'S CRIMSON GIANT**—The quickest growing small round Radish in existence; ready for the table in 22 days from sowing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

**PHILADELPHIA WHITE BOX**—This famous white turnip-shaped or globe-shaped Radish is the foremost of its class. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00; 5 Lbs., \$4.50.

**EARLY SCARLET GLOBE**—It is entirely distinct and one of the earliest. In flavor it is mild, crisp to juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

**FRENCH BREAKFAST**—Too well known to need any introduction. Scarlet with white tips. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.



Philadelphia White Box.

## FIRE BALL RADISH

**IT IS** a "Fire Ball" both in growth and appearance and Radishes in 21 days from the time of planting is the unrivalled record held by this fine strain. The beauty and crispness of this variety will always demand full fifty per cent more in price than any Radish you have ever sold, and the gardener knows what this means.

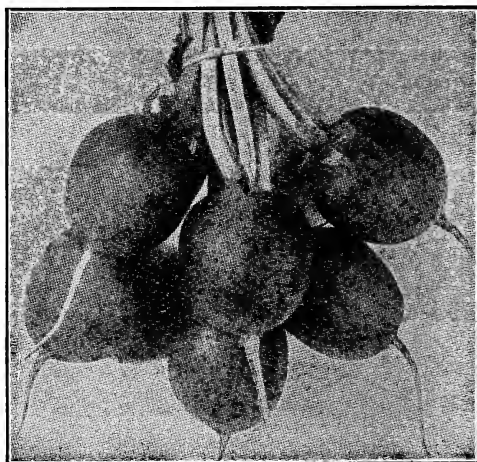
We consider ourselves extremely fortunate that we are able to offer you such a magnificent forcing Radish and it is now offered to the world as the "BEST". If you are anxious to have fine, crisp Radishes before your neighbor, here is your chance. Its rich, crisp brittle flavor, with remarkably good growth and fine pinkish red color has made it a universal favorite and the "PURE & SURE" strain of this seed is the results of years of tests and selection to secure this grand variety for our customers. Price: Pkt., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**EARLY SCARLET TURNIP**—The famous small round red, crisp, tender, solid and brittle. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

## EARLY SCARLET TURNIP WHITE TIP

**A** VERY handsome and attractive Radish of a rich, carmine scarlet color and tipped white. It is invaluable for forcing or for open air growing and always a big demand for this fine variety.

Its flavor is excellent and its qualities have made it stand out above the ordinary varieties for market growing or for home use. No home garden should be without this dandy Radish, as it is the most attractive Radish that can be grown. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00; 5 Lbs., \$4.50.



Fireball.

### Seeds by Parcel Post

We pay Postage on  
Packets, Oz., ¼ Lb.,  
in U. S., for pounds,  
see Parcel Post rate,  
Page 1.

## ICICLE

**THIS** variety is without doubt one of the finest of the early long, white Radishes, perfectly white in color, and long, slender and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. It remains tender during the entire growing period and is quite as good when an inch in diameter as when only half an inch.

Our strain of ICICLE is excellent as well as profitable and used for either forcing or for outdoor planting. A fine variety for market and private gardeners, who have a demand for an early, long white radish. It is most attractive in appearance and very popular. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00; 5 Lbs., \$4.50.

## RADISH—Continued.

(By Parcel Post, See Page 1.)

**LONG WHITE STRASSBURG**—Oblong shaped, tapering gracefully to a point. Of large size, good quality and resists heat remarkably well. Very tender, and of a delightful, pungent taste. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25; 5 Lbs., \$5.00.

**WHITE LADY FINGER (Long Vienna)**—Of slender, graceful form and remarkably crisp, brittle and tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

**WOOD'S EARLY FRAME**—In shape half long; much used for forcing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

**CINCINNATI MARKET**—This is an excellent Radish of the long variety, being of a beautiful brilliant scarlet color. It has an unusually small top. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

**YELLOW SUMMER TURNIP**—Stands the heat well; and can be sown late. A general favorite with market gardeners; globe-shaped. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

**YELLOW OVAL SHAPED**—A fine summer turnip-shaped variety; yellow in color, but white meat and tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

## FALL AND WINTER VARIETIES

**ROUND BLACK SPANISH**—Grows to a large size; very solid. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

**LONG BLACK SPANISH**—One of the best for winter use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

**WHITE SPANISH**—Very solid and tender. The best white Radish for late Fall planting; largely used by our market gardeners. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

**ROSE COLORED CHINA**—Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.



Long White Strassburg.



## RHUBARB (Rharbarber)

**CULTURE**.—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn.

**EARLY LINNAEUS**—The earliest and tenderest variety, fine for sauce, pies, etc. Grown largely by gardeners for early market. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.

**MYATT'S VICTORIA**—Later than Linnaeus, but mammoth in size; also of a finer quality. Very juicy, tender and almost stringless. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.

**RHUBARB ROOTS**—Strong roots. Two years old. Price: Each, 20c; Doz., \$2.00; 100 for \$15.00.

## TOBACCO

**DARK PLUG WRAPPER—BIG ORONOKA**—A favorite Virginia variety. Grows very large, broad leaves. Price: Pkt., 5c; ½ Oz., 25c.

**MISSOURI BROAD LEAF**—A well-known standard sort; very large yielder, an ideal sort for home use. Price: Pkt., 5c; ½ Oz., 25c.

**WHITE BURLEY**—The standard main crop variety which produces one of the most fashionable types for manufacturing and cutting. Price: Pkt., 5c; ½ Oz., 25c.

**HAVANA**—The leading smoking variety. Commands a high price for cigar stock. Price: Pkt., 5c; ½ Oz., 25c.



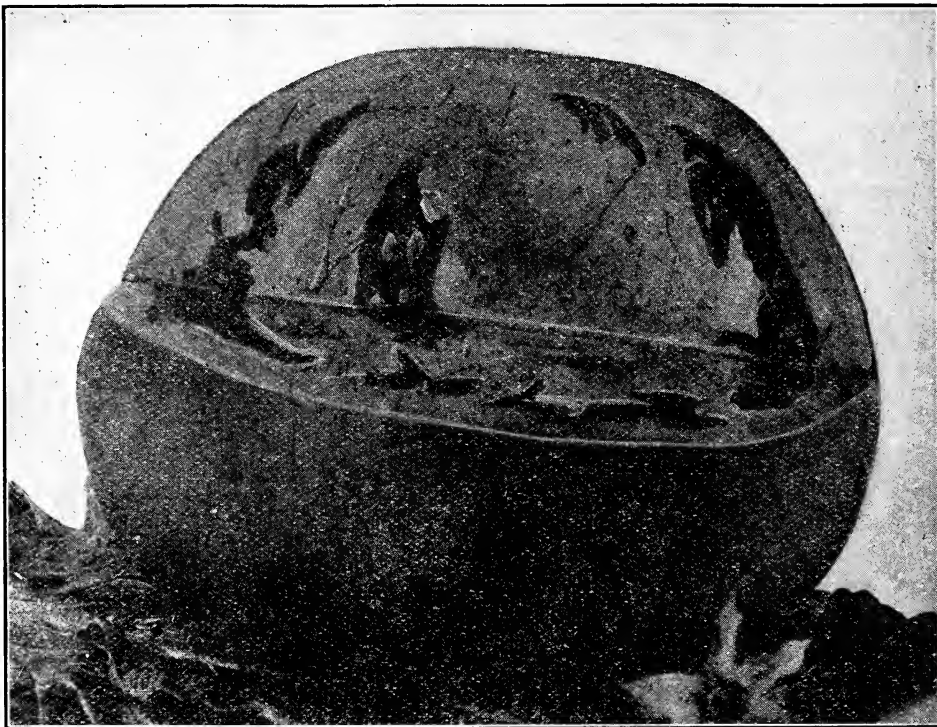
Mo. Broad Leaf.



# TOMATO

One ounce will produce  
about 1,000 plants.

**CULTURE.**—The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, they should be transplanted into another hotbed and planted 4 inches apart, or planted in 4-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground 3 feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stakes.



## ST. L. S. CO. IMPROVED EXCELSIOR

**O**UR New Strain of this famous Tomato is superb. It is of a dark, glossy, purplish red, very large and very solid. The plants make a strong growth, are hardy and bear plentifully. The fruit is produced in clusters of four to six, large and of perfect shape, and retain this size until late in the season. Ripening early, with flesh of the most excellent quality, and with seed cells very small, it is the ideal Tomato.

We have a carefully selected stock of this great favorite and if you want to plant a Tomato for a big crop, this variety will please you. For all general purposes it stands supreme and we want everybody to grow some of this excellent variety. and we cannot recommend it too highly. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; 2 Oz., 65c; ¼ Lb., \$1.25. Postpaid,

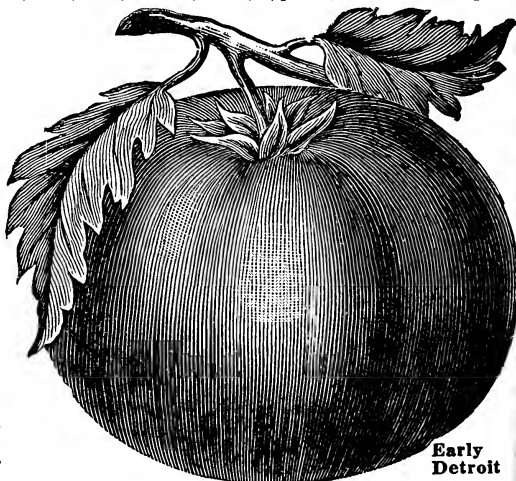
## EARLY SORTS

**BONNY BEST**—This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**EARLIANA (The Earliest Red Tomato)**—The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The Tomato is of uniform size, averaging 3 inches in diameter, and from 2 to 2 ½ inches in depth; solid, with few seeds, making a splendid variety for shipping. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**JUNE PINK**—The earliest pink Tomato, similar to Earliana except that the color is pink instead of red. The fruits are of fair size and ripen evenly, practically permitting the entire crop to be harvested at one time. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**EARLY DETROIT**—The largest and best of the early purplish pink tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe-shaped, firm, and excellent quality. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; 2 Oz., 65c; ¼ Lb., \$1.25.



Early  
Detroit

# TOMATO—Continued

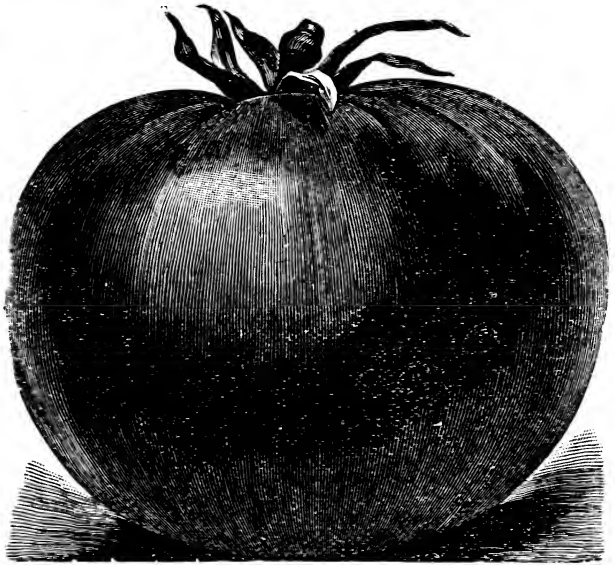
## SECOND EARLY, OR MAIN CROP SORTS

**LIVINGSTON'S BEAUTY**—This standard Tomato is well known. Grows in large clusters and retains its large size late in the season. Color, "purple". Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

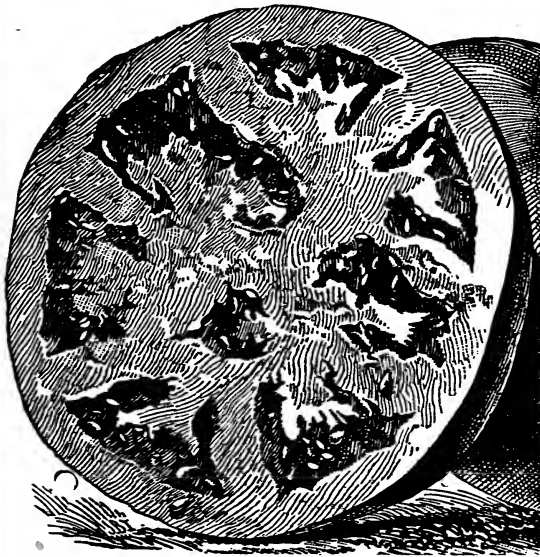
**LIVINGSTON GLOBE**—Its form is of a globular shape, hence its name. Very solid, of a purple color, very deep from stem to blossom end. Very early; a good market sort; fine for packing in small baskets for market. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; 2 Oz., 65c; ¼ Lb., \$1.25.

**DWARF CHAMPION**—This famous Tomato is a favorite home garden variety. Its stiff, upright stocks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**PONDEROSA**—It is in every way splendid. It excels in magnificent size, solid and meaty as beef-steak, and almost seedless. It ripens thoroughly, its glowing crimson color permeating the flesh to the heart. Price: Pkt., 10c; ½ Oz., 25c; Oz., 45c; 2 Oz., 85c; ¼ Lb., \$1.60.



Livingston Globe.

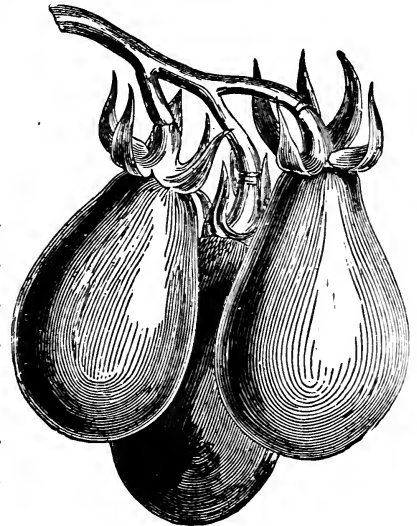


**STONE**—This celebrated Tomato is without exception the standard leading variety for canning, also for home use. The fruit is of large size, perfectly smooth, and of best quality. Color, bright red. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**MAGNUS**—Flesh is very firm. It is a robust grower, setting its clusters closer together than other varieties. The fruits are usually very deep from stem to the blossom end. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**MAMMOTH LARGE RED**—This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.

**BUCKEYE STATE**—A beautiful, large, smooth, round variety. It is an immense cropper, bearing its fruit in large clusters, often six to eight in a single cluster. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c; ¼ Lb., 90c.



## SMALL FRUITED TOMATOES

**GOLDEN BALL**—A beautiful large, round, yellow sort. Very fine flavored. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; 2 Oz., 45c.

**HUSK, OR GROUND CHERRY**—A favorite canning or preserving variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

**PEACH**—Size, shape and color of a peach. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

**YELLOW PEAR**—Excellent for "putting up." Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

**YELLOW PLUM**—Popular small yellow for preserving. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

**RED CHERRY**—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

**RED PEAR**—Used for preserves and to make "Tomato Figs." Fruits bright red, distinctly pear shaped and of excellent flavor. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.



# TURNIP

One ounce will sow 200 feet of drill, one to two pounds for an acre.

**CULTURE**—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly, then to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the corn field at last cultivation.

**EXTRA EARLY PURPLE TOP MILAN**—Fully a week earlier than any variety. Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either in Spring or Fall. Price: Pkt., 5c; Oz., 15c.;  $\frac{1}{4}$  Lb., 40c.; 1 Lb., \$1.50; 5 Lbs., \$5.50.

**PURPLE TOP WHITE GLOBE**—This famous purple top turnip is very desirable for home gardens, and a favorite with market gardeners on account of its shape, size and beauty. Flesh pure white, with a red or purple top. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c.; 5 Lbs., \$3.50.

**PURPLE TOP FLAT STRAP LEAF**—The standard variety. Pure white, except the purple outer skin above ground. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 75c; 5 Lbs., \$3.50.

**WHITE GLOBE**—The king of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size, it matures early. A very good autumn variety. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., \$1.00.

**YELLOW OR AMBER GLOBE**—Is the staple yellow Turnip, both for table and for feeding stock. Heavy cropper and keeps well. Flesh firm and sweet. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., \$1.00.

**WHITE EGG**—A very quick growing Fall Turnip. Should be sown in August. Oval or egg shaped, flesh very firm and fine grained, flavor mild and sweet. A fine cooking variety. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 90c.

**SEVEN TOP**—Grown only for the tops, which are used for greens or salad in the South. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 25c; Lb., 75c.



Purple Top White  
Globe.

## RUTABAGA

**AMERICAN YELLOW PURPLE TOP**—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh yellow, solid and sweet. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 30c; Lb., 90c; 5 Lbs., \$4.25.



Ex. Early Purple Top.  
Flat Strap Leaf.

## HERBS

### SWEET, MEDICINAL AND POT HERBS

**CULTURE**.—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

The varieties marked an asterisk (\*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

**ANISE**—Seeds aromatic and carminative. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c.

**BALM**—For balm tea or balm wine. Price: Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**BASIL SWEET**—For highly seasoned dishes, soups, etc. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 15c.

**BENE**—Leaves good for diarrhoea; seeds and oil for the skin. Price: Pkt., 5c.

**BORAGE**—Used as a salad. Price: Pkt., 5c.; Oz., 15c.

**\*CATNIP, or CATMINT**—Leaves for seasoning. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 20c.

**\*CARAWAY**—For flavoring bread. Price: Pkt., 5c; Oz., 15c.

**CHERVIL, CURLED**—Largely used in soup. Price: Pkt., 5c.

**CORIANDER**—For flavoring cakes, etc. Price: Pkt., 5c; Oz., 15c.

**DILL**—For flavoring pickles and as a condiment. Price: Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  Lb., 35c; Lb., \$1.00.

**\*FENNEL**—Sweet—Used in sauce. Price: Pkt., 5c; Oz., 15c.

**\*HOARHOUND**—For cough remedies. Price: Pkt., 5c.

**\*LAVENDER**—Leaves for seasoning, dried flowers for perfuming. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c.

**MARJORAM**—Sweet—Used like sage and thyme in seasoning. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c.

**\*ROSEMARY**—Hardy, aromatic, evergreen shrub. Price: Pkt., 5c;  $\frac{1}{2}$  Oz., 25c.

**\*SAGE**—Common—Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c.

**\*SAVORY**—Summer—Thyme-like flavor. Price: Pkt., 5c.

**\*SORREL**—Broad-Leaved—For boiling "greens" or salad. Cook like spinach, or with it, one-third Sorrel. Price: Pkt., 5c; Oz., 15c;  $\frac{1}{4}$  Lb., 40c.

**\*THYME**—Sweet—For seasoning soups, etc., also tea for nervous people. Price: Pkt., 5c.

**TARRAGON**—(Estragon)—For flavoring. The young leaves are used for pickles, vinegar, etc. Price: Pkt., 5c.

**\*WOODRUFF**—Fragrant leaves and stems; used for putting among clothes. Price: Pkt., 5c.

**\*WORMWOOD**—Used medicinally and in liquors; a good tonic for poultry. Price: Pkt., 5c.

# VEGETABLE PLANTS

Plants sent by express, purchaser paying charges.

## ASPARAGUS ROOTS

**CULTURE.**—The demand for Asparagus as an early spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of roots which should be set out in the spring in rich soil. Dig a trench about 2 feet deep and 1½ feet wide, and fill in to about one foot from the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

### Extra-choice Two-Year Roots

	Doz.	50	100	1000
Columbian Mammoth.....	\$0.25	\$0.90	\$1.50	\$9.50
Palmetto.....	.25	.90	1.50	9.50

(By Parcel Post, add 5c Doz. Postage.)

## RHUBARB ROOTS

**WHEN** only a few plants are required, we would suggest the purchase of roots instead of seed. From our medium size or large clumps, Rhubarb stalks can be cut the following season. The growth of the plant is very rapid from these clumps. Transplant roots in Fall, or Spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

	Each	Doz.	100
2-year-old.....	\$0.20	\$2.00	\$15.00

(By Parcel Post, add 5c Each.)

**CABBAGE PLANTS**—Plants should be set about 2½ to 3 ft. apart each way. April and May delivery. (By Parcel Post, add 10c per 100 for Postage.)

	25	50	100	1000
Wakefield.....	\$0.25	\$0.45	\$0.80	\$7.50
Copenhagen Mkt....	.25	.45	.80	
All Season.....	.25	.45	.80	7.50
St. L. Late Market...	.25	.45	.80	7.50

**CAULIFLOWER PLANTS**—April and May delivery. Plants should be set 2½ to 3 ft. apart each way.

	Doz.	4 Doz.	8 Doz.
Cauliflower, Ea. Dwarf Erfurt..	\$0.15	\$0.50	\$1.00
Ea. Snowball.....	.15	.50	1.00

**CHIVES**—For flavoring. Per bunch, 20c., per doz., \$2.00. (By Parcel Post, add 5c per Clump.)

**CELERY**—Transplanted Plants ready in July. (By Parcel Post, add 15c per 100.)

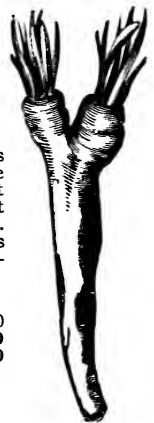
	100	1000
White Plume.....	\$0.60	\$5.50
Golden Self-Blanching.....	.60	5.50
Egg Plant, Imp. Oval.....	Doz.	4 Doz.
Spinless.....	\$0.15	\$0.60

Ready May and June.

(By Parcel Post, add 15c per 100 for Postage.)

	25	50	100
Kohl-Rabi.....	\$0.25	\$0.45	\$0.80

(By Parcel Post, add 10c per 100.)



## HORSERADISH SETS

**HORSERADISH ROOTS**—The soil should be very rich and well cultivated. Price: 25 for 20c; 100 for 60c; 1000 for \$5.50. By Parcel Post add 10c per 100 Postage.

	25	50	100	1000
LETTUCE.....	\$0.20	\$0.35	\$0.60	\$5.50

(By Parcel Post, add 10c per 100.)

**TOMATO PLANTS**—We make a specialty of growing Tomato plants, and can furnish the following varieties after May 10 in fine, strong, stocky plants. (By Parcel Post, add 5c per Doz. for Postage.)

	Doz.	Doz.	Doz.
Tomatoes—Ponderosa.....	\$0.15	\$0.60	\$1.10
Improved Excelsior.....	.15	.60	1.10
Dwarf Champion.....	.15	.60	1.10
Stone.....	.15	.60	1.10
Beauty.....	.15	.60	1.10

**PEPPER**—Ready for May and June. (By Parcel Post, add 5c Doz. Postage.)

	Doz.	Doz.	Doz.
Pepper, Bell or Bull Nose.....	\$0.15	\$0.60	\$1.10
Chinese Giant.....	.15	.60	1.10
Red Cayenne.....	.15	.60	1.10

**PEPPERMINT**—Clump, 10c. (By Parcel Post, add 5c per Clump.)

	50	100	1000
Sweet Potatoes, Red, Yellow and white, not less than...	\$0.35	\$0.60	\$5.00

Ready May and June. (By Parcel Post, add 15c per 100.)

# STRAWBERRY PLANTS

(By Parcel Post, add 10c per 100 Postage.)

## SUMMER VARIETIES

Plants ready April the 20th.

**STRAWBERRIES**—Will succeed in any soil adapted to ordinary farm garden crops; soil should be thoroughly prepared to a good depth, well drained and enriched. In field culture set the rows three feet apart, fifteen to eighteen inches in rows. For garden fifteen inches apart each way.

**WARFIELD (Early)**—Plant a vigorous grower, tough and hardy, and very productive. Fruit large, conical. Color dark glossy red; excellent flavor.

**BUBACH (Medium)**—Of large and uniform size, fine form and color, great vigor of plant and productive.

**AROMA**—Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality. One of the very best varieties.

Price of above 25 for 25c; 100 for 85c; 1000 for \$7.50.

## EVERBEARING OR FALL VARIETIES

Plants ready April and May, August and September.

**YOU** can have strawberries just as easily in the fall as in the spring by planting the Americus, known as the fall-bearing varieties. They will produce heavy crops in the fall of as fine berries as any spring ripening strawberries.

**AMERICUS**—This is the most wonderful everbearing strawberry ever produced. A healthy and strong grower; very productive, from June until freezing weather; very drought resistant; a better berry for a hot dry climate than any other variety. Size medium to large, very firm, uniform shape, bright red outside and inside. Has the native wild strawberry flavor. Succeeds well anywhere. Price: Doz., 25c; 100 for \$1.75

# FARM and FIELD SEEDS

"PURE AND SURE SEEDS"—BIGGER AND BETTER CROPS

**M**OST important to all who depend for their living on the products of the soil is **Selected Seeds**, that not only will germinate and are reliable, but that will produce bumper crops, that will fill the granary with fine high-priced wheat, and the corn bin full of this great product. "Pure and Sure" Seeds are the kind that produce the crops that mean great big profits from a small outlay of money. You cannot afford to waste your time planting cheap seeds when you look for results from your plantings. It is poor economy to plant untested seeds when for a little more you can have seeds of the highest quality and that is what you want. You can have confidence in the quality of our Pedigreed Seeds for we have made a specialty of farm seeds and the value of the same cannot be exaggerated. Let us know what you want in the line of field seeds, and we guarantee you quality that cannot be equalled for the price.

## IT PAYS TO PLANT "PURE AND SURE" SEEDS

**I**T PAYS to plant the best and that means "Pure and Sure" Seeds. There is a reason for the growing demand for our high-class field seeds and every year sees greater numbers of farmers depending upon us for their entire supply of field seeds and there's a reason. They have found that it paid to plant our seeds and why won't it pay you? It is worth a trial and we know that once you have tried, you will be the same as these other prosperous farmers. Our Seeds are all selected by experienced seedsmen and thoroughly re-cleaned, and handled only by the most careful employes, as a safeguard against any errors in filling or selecting and this is the service that you must have to insure you against any failure. Plant "Pure and Sure" Seeds this year and then let the results speak for themselves. You will plant them again next year and every year from then on, for quality will tell.

Bu.  
56 Lbs.

## ST. LOUIS SEED CO.'S SELECTED SEED CORN

Bu.  
56 Lbs.

### CORN IS KING

Extra charge for Bags; 15 Lbs., 15c; 28 Lbs. ( $\frac{1}{2}$  Bu.), 20c; 56 Lbs. (1 Bu.), 45c; 2 Bu., Seamless, 65c.

**C**ORN is the most important crop with the majority of farmers who read this catalog and therefore we are devoting considerable space to the description of the various varieties we have to offer, but we only list those varieties that proved themselves the leaders of their types. It will pay you to plant any of the varieties we offer and you can depend upon receiving seeds that have been most carefully selected and grown for seed purposes, and that will produce much more than you ever expected.

When you consider the quality of this fine corn, you will wonder how we are able to supply it as such at low cost for it is the best grade of hand-picked selected corn that you can find any place. Our large growing and economical handling of large quantities solves the problem of price and you are getting the advantage of this. Order in time for there always is a big demand for "Pure and Sure" Seed Corn—the big pedigreed strain.

### THE SEED BED

**W**HETHER in the garden or in the field, the seed bed must be thoroughly prepared to produce the greatest yield. A "good enough" seed bed may do for some, but at the best it can only yield a fair crop. Too often it means a poor stand, an uneven growth and a foul field. No crop grown on the farm suffers more from being planted in a poorly prepared seed bed than does corn, and no crop is more responsive to the effects of a good seed bed than this King of Farm Crops. A good seed bed combined with our Selected Strain of Seed Corn is a combination hard to beat.

### CHAMPION EARLY WHITE PEARL

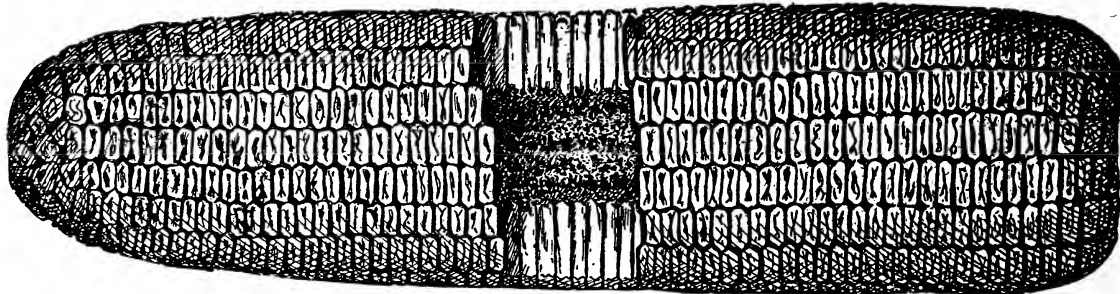
(90 days)

**T**HIS is the earliest snow white Dent corn. Grown extensively by gardeners for roasting ears. It is an immense yielding variety and very uniform in shape, size, etc., and therefore its great market demand. The ears grow very large—the cob small, two great factors of profit in corn. Our selected seed of this variety is without equal anywhere and the many good reports about this variety have far exceeded our expectations. You cannot buy better seed corn at such a low price. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.

### PRIDE OF THE NORTH

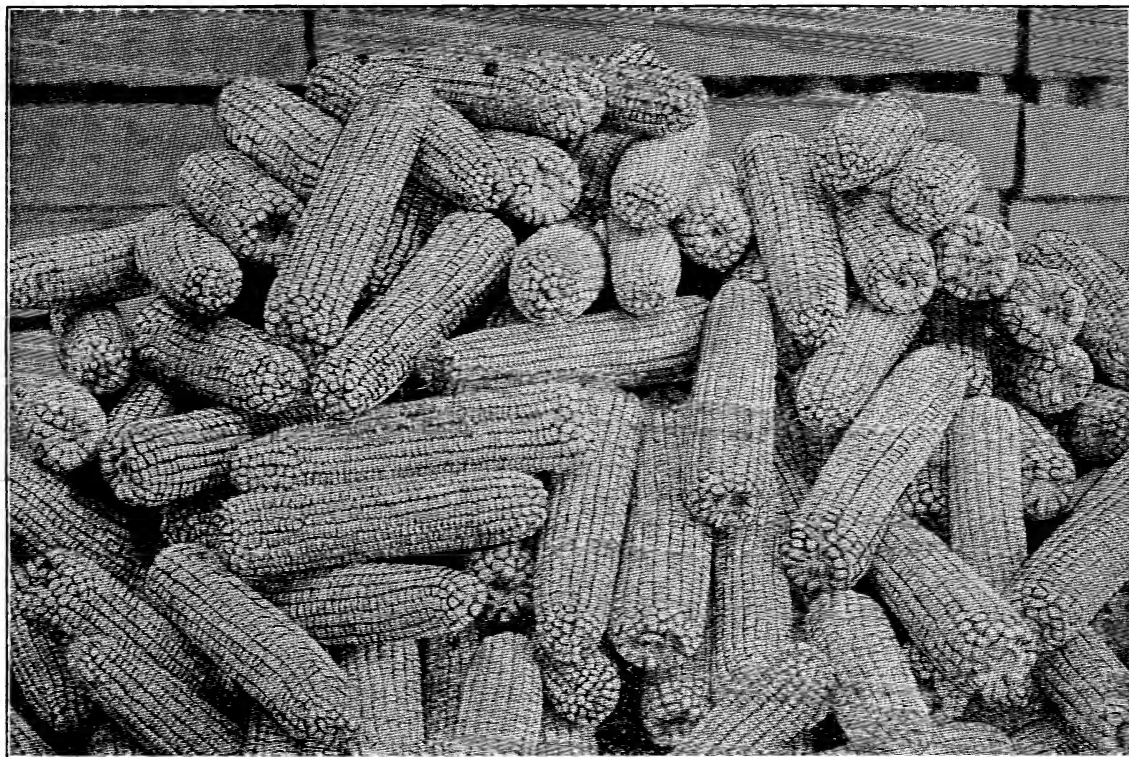
(90 days)

**T**HE great favorite of the extreme northern states and a most useful variety where a late planting is necessary. The ears run from seven to nine inches long, with small cob and deep kernels; ears usually contain from fourteen to eighteen rows; will ripen and mature anywhere in ninety days; can be planted as late as June 25th and make itself by September 10th. Good soil is capable of growing four to six stalks to the hill; many stalks have two ears and usually produce from forty to fifty bushels of good, sound corn per acre. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.



CHAMPION EARLY WHITE PEARL.

# THE KING OF ALL WHITE CORN



Bu. 56 lbs.

## ST. L. S. CO.'S WHITE STAR

Bu. 56 lbs.

Maturing in 110 days.

### The Corn For Every Purpose—Large Ears and a Heavy Yielder

**T**HIS wonderful white dent corn is known, grown and more extensively planted than any White Corn ever introduced. It is adapted to a wide range of conditions and is a corn for the North, South, East and West, and a variety that always, everywhere gladdens the hearts of the farmers and fills his cribs at harvest time. Our White Star makes good where others fail, and brings plenty and prosperity to the farmer who plants it; it is not only a new variety but a better variety and already more widely known and popular on account of its heavy yielding qualities and wonderful records it has made and maintained wherever planted. It is a variety of outstanding prominence and a corn of the greatest individuality, and productiveness. Your corn crop will be the biggest kind of a success if you plant our famous White Star.

### PEDIGREED SEED

**T**HE above illustration on this page is a very true picture, made from a photograph of this corn, showing its high type and character. It is, however, a large eared corn, running larger in size than Iowa Silver Mine, is pure bred and every stalk producing one and two good ears, and this is where its large heavy yield displays itself. The stalks are large, strong and robust, growing to a height of 8 to 12 feet, dependent upon land, with a very heavy extensive root system which explains the wonderful vitality and drought resisting qualities of this pedigreed seed. Medium ears run from 10-11 and some 12 inches long and over, 12 to 20 rows on an ear of deep, solidly set kernels on a white cob of medium size.

In short, our White Star was bred for utility and not for show purposes and its heavy yields, early maturity and all around general crop purposes have best shown how we have succeeded. There is no variety that will equal it on old, poor, up-land or hill ground and at the same time there is no variety grown that will yield more bushels of good sound corn on strong rich corn land. Briefly, it is the embodiment of all the good qualities contained in all the best varieties. It is the one sure cropper.

Our seed of this variety is best we have ever had and we look for the demand to be greater than ever for our White Star. You cannot plant a better variety and you know that your order for this corn will be filled with the highest grade, selected, pedigreed seed corn, and at a price that is almost unbelievable. Price: 5 Lbs., 70c; 15 Lbs., \$1.60; 25 Lbs. \$2.35; 56 Lbs., (1 Bu.) \$5.00.

**PLANT OUR WHITE STAR CORN**  
— FINE NORTHERN GROWN SEED —



## REID'S YELLOW DENT

The Most Popular Yellow Dent Corn in the Great Central Corn Belt.

(Matures 110 days.)

**I**F ANY seed can truly be called pedigreed, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well-filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test.

In some of the principal corn growing states of the West it has no equal, and reports from many other states are very flattering. The Iowa Experiment Station report of 1910 gave the Reid's Yellow Dent an average of 100 bushels per acre, while the Agricultural Students' Union of Ohio in 1913 gave it a yield of 14 per cent above all other varieties.

This corn will mature under favorable conditions in about 110 days. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.

## BOONE COUNTY WHITE

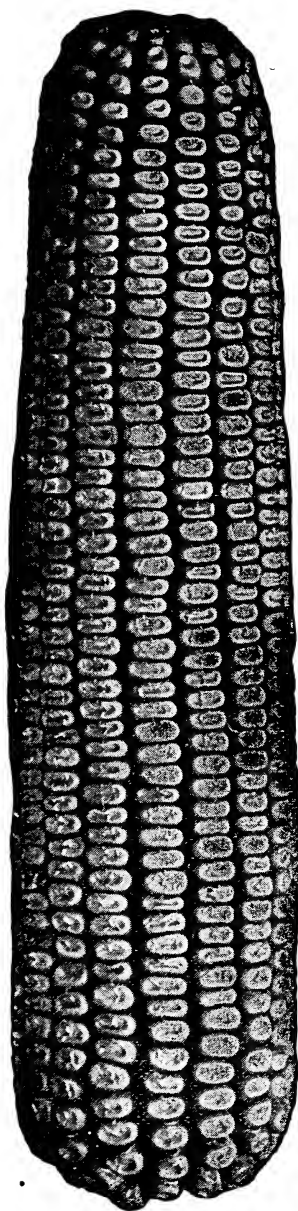
(Matures 120 days.)

**BOONE COUNTY WHITE**—Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. It is late maturing, but with good long seasons and favorable conditions, it is a splendid yielder. In many places it is a great favorite. The ears are from 9 to 12 inches long,  $7\frac{1}{2}$  to  $8\frac{1}{2}$  inches in circumference, containing 18 to 24 rows. The cob is medium large and pure white in color. The ears are quite uniform in size, shape and appearance. The kernels are pearl white, quite rough, very deep, with fine large germ. This variety grows a large stalk from 10 to 12 feet high with an abundance of foliage, and like other white varieties, is the best for old, thin or poor soil. With favorable seasons in localities where it has plenty of time to mature, it is particularly valuable; say the Southern half of Indiana, Illinois, Kansas, Missouri, and from there South to the Gulf Coast States. Matures fully in about 120 to 130 days. Our seed stock of this variety was grown from pure, genuine stock and can be relied upon to give the best possible results to be obtained from this variety. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.

## IOWA GOLD MINE

(Matures 95 days.)

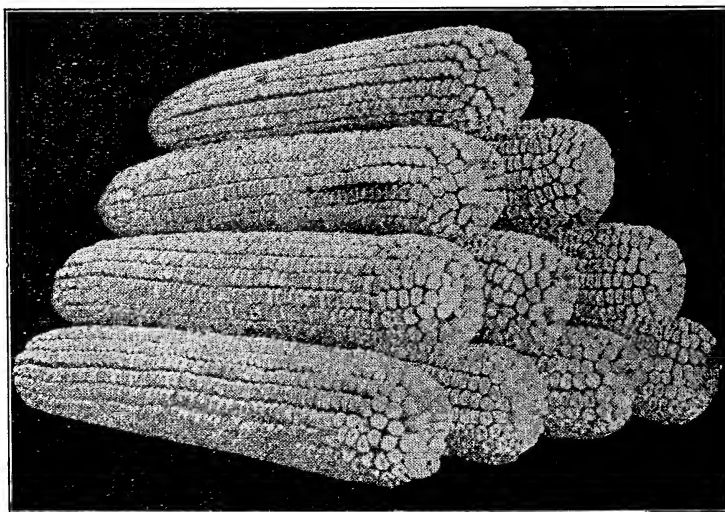
**IOWA GOLD MINE**—Corn is more widely known than any other variety grown and has made the state of Iowa famous as the mother of this wonderful early variety of yellow corn. It is listed by all dealers and planted in every state in the Union where corn is planted or grown. It is a medium early, between the leading and standard field varieties, such as we grow for 100 bushel crops in the central corn belt of the north and west, and the extra early sorts that mature in 80 to 90 days in the extreme northern corn growing boundaries, and also for late planting and replanting, where other sorts have failed or been destroyed from one cause or another. **Gold Mine** is a favorite in its class with every farmer who ever planted it, ripening a few days later than **Pride of North**, or making itself in about 95 days. Color, a bright golden yellow. Grain is very deep, cob small, and therefore dries out nearly as soon as it ripens. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.



Boone County White.

## GRADED SEED CORN

**W**E CAREFULLY grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping corn planters. But the grading is only a part of the labor which we give to the production of good seed corn. All varieties are carefully grown under the direct supervision of our company. It is gathered early, and stored in our seed corn house, where every ear is carefully inspected by experts and only those absolutely true to type and of strong vitality are shelled for seed purposes. You cannot buy better seed in America, no matter what the price.



Reid's Yellow Dent.

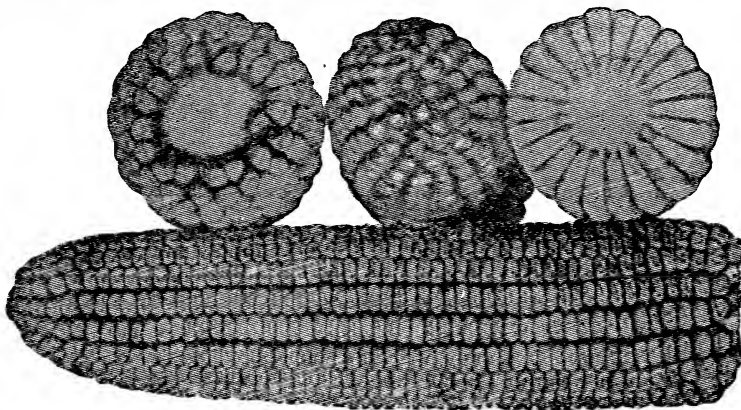


## ST. LOUIS SEED CO.'S GOLD BOND

**T**HIS Famous corn is more widely known and planted than any corn in the world; has greatest record of any corn on earth. It's an early maturing corn. It is a corn for the north, south, east and west; it gladdens the farmer's heart at harvest time; makes good where other sorts fail. It brings prosperity to the man who plants it.

If any seed grain can truly be called pedigreed, the Gold Bond Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what it is at the present time one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row.

You must plant a corn of good constitution, high vitality and pedigreed seed if you expect a bountiful harvest and our Gold Bond will fully demonstrate the value of planting high quality seed. It is full of that strong, robust seed life so necessary for producing live, strong plants that will grow and thrive from the start, and later on mean a heavy yield. It is truly a Gold Bond, for it is better than a bond when the large profitable returns are taken into consideration and it is a bond between our customer and us that we will supply on such seed that will grow into big returns. You will be an enthusiastic booster of our Gold Bond once you have planted it. Price: 5 Lbs., 70c; 15 Lbs., \$1.60; 25 Lbs., \$2.35; 56 Lbs. (1 Bu.), \$5.00.



St. L. S. Co.'s Gold Bond.

## ST. CHARLES WHITE, RED COB

(Matures 120 days.)

**T**HIS excellent variety was introduced in St. Charles County, Missouri, and is very popular with a large number of our customers, especially in that vicinity, where large plantings are made every year. It is a very handsome pure variety of white corn, set on a red cob, and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. The stalks grow from 10 to 12 feet high, dependent upon the land upon which it is planted, and for the best results planting should be made either on lowlands or bottom land.

We supply only the very best quality seed, true to type in every way and this variety is well worth a trial. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.

## IOWA SILVER MINE

(Matures 100 days.)

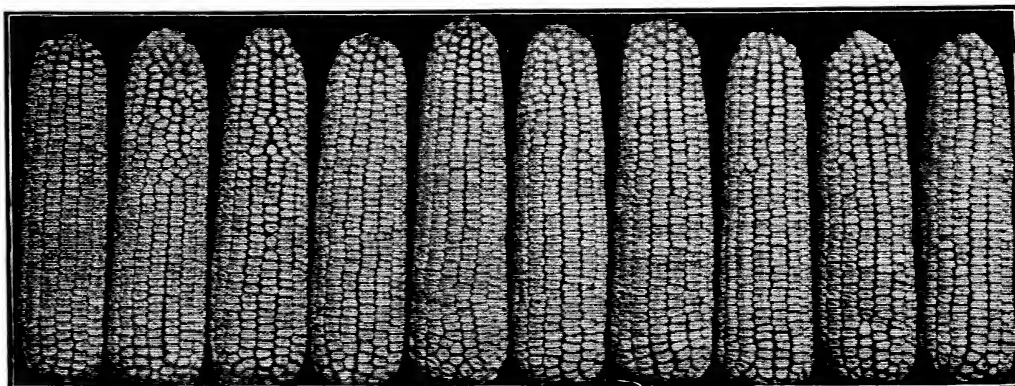
**T**HIS is not a new variety, but is one of the best known sorts, and on account of its great popularity and the wonderful record it is noted for its great vitality to withstand and resist extreme conditions of weather, wet or dry; also hot weather, and makes good crops where other sorts wither, burn up and perish under hot winds and scorching sunshine. Each year we have grown this corn we have sought to select and improve it in every way possible, not so much to increase the size of the ears, but to increase uniformity of size and number of ears to the stalk and have thus eliminated all barren stalks, and brought it up to the highest standard of perfection, both in yield and early maturity.

Stalks grow 8 to 10 feet in height and ears set well down toward the ground. Price: 5 Lbs., 60c; 15 Lbs., \$1.40; 25 Lbs., \$2.15; 56 Lbs. (1 Bu.), \$4.50.

## POP CORN

**P**OP CORN—Should be found in every garden and on every farm, especially if there are children in the home to enjoy it during the long winter evenings. The constant demand for pop corn makes it a profitable crop. Let the boys raise an acre of it for their own spending money. Be sure to procure good, pure seed for them, as pop corn mixes readily with field varieties.

**WHITE RICE**—Cultivated and used more than any other sort. Short ears, with four to six ears to the stalks, with long, pointed kernels. Very productive. The yield per acre is equal to any of the field dent varieties, as it can be planted much closer than common dent varieties of corn. Price: 1 Lb., 35c; 5 Lbs., \$1.50.



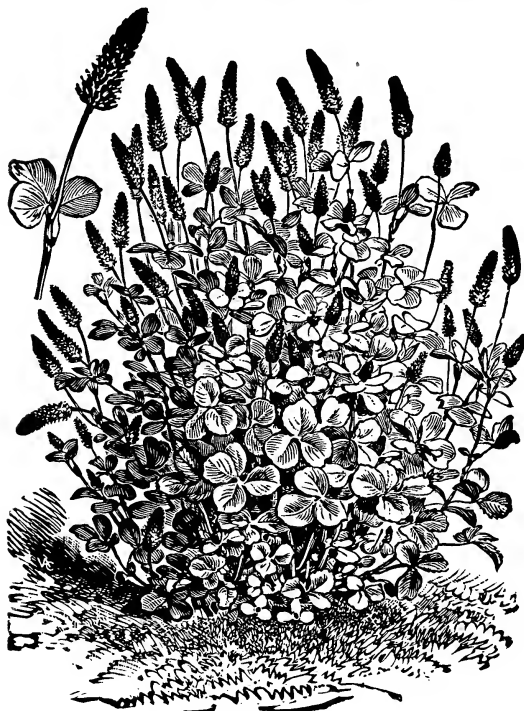
# CLOVER SEED (Bu. 60 Lbs.)

(Field Seeds by Parcel Post, See Page 1.)

Bags extra at cost. ½ Bu. cotton, 20c; seamless, 65c each.

ALL PRICES ON FIELD SEEDS ARE SUBJECT TO MARKET CHANGES. ALL ORDERS FILLED TO THE AMOUNT OF REMITTANCE AT MARKET PRICES WHEN ORDER IS RECEIVED.

**C**LOVER can be sown in the Spring, from February to April in this locality, varying earlier or later according to other latitudes. Excellent results can also be obtained from sowing it on late snows, as with the melting of these the seed soaks into the earth about the right distance. The Summer and early Fall sowing of clover is also giving most satisfactory results, and a full crop can be cut the succeeding year when this is done.



Crimson Clover.

## ALFALFA OR LUCERNE

**A**LFALFA CLOVER (Fancy)—The King of Forage Plants—Alfalfa is the corner-stone upon which is being built the prosperity of wide areas of our agricultural country—with its never-failing three and four crops of from five to six tons per acre; its great fattening qualities for horses, cattle, hogs, sheep and poultry, its drought-resisting qualities. After once being rooted, its perennity is more than two decades. When writing for sample, state quality of seed you wish to buy. 15 to 18 lbs., is usually sown to the acre. Price: Lb., 65c; 5 Lbs., \$3.00; 15 Lbs., \$8.25; 30 Lbs., \$16.00; 60 Lbs., \$31.00; 100 Lbs., \$50.00.

## CRIMSON OR SCARLET CLOVER

**I**T CAN be seeded at any time from June to October, at the rate of fifteen to twenty pounds to the acre, and makes the earliest possible spring pasture, blooming the latter part of April or May and for feeding as hay, should be cut just before coming into full bloom. Sow Crimson Clover at the last working of all crops, like beans, corn, melons, cucumbers tomatoes and other crops. Price: Lb., 40c; 5 Lbs., \$1.75; 15 Lbs., \$5.10; 30 Lbs., \$9.60; 60 Lbs., \$19.00; 100 Lbs., \$31.00.

## WHITE DUTCH CLOVER

**A**LOW, close growing Clover; round, white heads very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Price: Lb., 90c; 10 Lbs., \$8.50.

## For Clover Innoculation use MULFORD'S CULTURES

**H**IGHBRED Nitrogen Gathering Bacteria make poor soil good soil. To raise the biggest and best crops of Peas, Beans, Sweet Peas, Clover, Alfalfa or other legumes, use Mulford's Cultures. Always specify what crop you want to inoculate, as there is a different strain of bacteria for each legume. Price: ¼ acre size, 50c; 1 acre size, \$1.50; 5 acre size, \$5.00.

## RED CLOVER

**R**ED CLOVER—This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the Spring or Fall, and if no other grasses are used, at the rate of from eight to twelve pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best grade of Clover seed which can be obtained. Our strictly "Fancy Recleaned" grade cannot be surpassed by anyone. Price: Lb., 75c; 5 Lbs., \$3.50; 15 Lbs., \$9.75; 30 Lbs., \$18.60; 60 Lbs., \$36.50; 100 Lbs., \$60.00.

## MAMMOTH RED CLOVER

**T**HIS is grown largely for pastures and to restore fertility to depleted soils. It makes good hay if cut soon enough although it has a coarser stem than the Medium Red Clover. Mammoth Red Clover supplies fine grazing for stock. It sometimes yields more seed than medium Red Clover. Being a rank grower, it is very valuable for fertilizing purposes. The foliage, flower and stem are darker in color than the Medium Red Clover. It ripens later, and makes only one crop. Especially valuable on light, sandy lands. Sow 10 to 15 pounds to the acre. Extra large plump seed. Price: Lb., 75c; 5 Lbs., \$3.50; 15 Lbs., \$9.75; 30 Lbs., \$18.60; 60 Lbs., \$36.50; 100 Lbs., \$60.00.

## ALSIKE OR SWEDISH CLOVER

**T**HIS is one of the hardiest varieties known. It is perennial and does not winterkill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Clover, although it does not grow so high. It is very fine for honey bees, and cattle prefer it to other Clovers. Price: Lb., 70c; 5 Lbs., \$3.25; 15 Lbs., \$9.25; 30 Lbs., \$18.00; 60 Lbs., \$35.50; 100 Lbs., \$58.00.

## SWEET CLOVER

**S**WEET CLOVER grows in all parts of the United States; it possesses a wider adaptability in regard to soil and climate than any other clover or alfalfa. It thrives on the poorest, sandy soil and on dry hill sides, where no other clover will grow; in the west, where irrigation forced the alkali to the surface with the result that it has killed all vegetation except some saltweeds, sweet clover is the only plant that will grow and make a good yield. It will endure more drought than alfalfa.

**SWEET CLOVER (White Blossom)**—It is a biennial leguminous plant, tall, somewhat like coarse alfalfa, growing 8 to 10 feet high. Its blossoms, which rarely appear until the second year, are white and give a strong smell of honey. If not allowed to reseed, it will die out the second year. Price: Lb., 50c; 5 Lbs., \$2.25; 15 Lbs., \$6.30; 30 Lbs., \$12.00; 60 Lbs., \$23.50; 100 Lbs., \$38.00.

**SWEET CLOVER (Yellow Blossom)**—Especially adapted to bees, the honey from it being as clear as a crystal. It is also recommended as a fertilizer. Price: Lb., 40c; 5 Lbs., \$1.75; 15 Lbs., \$5.10; 30 Lbs., \$9.60; 60 Lbs., \$19.00; 100 Lbs., \$31.00.

# FARM SEEDS

(Field Seed By Parcel Post See Page 1)

All prices on Field Seeds are subject to market changes. All orders filled to the amount of remittance at market prices when order is received. Bags extra at cost  $\frac{1}{2}$  Bu. Cotton, 20c, Seamless, 65c Each.

## BUCK WHEAT

**COMMON**—About a week earlier than most varieties and a greater yielder. It is much more productive than any other and succeeds well almost any place. The straw is heavy and is the best variety for bees. Price: Lb., 15c; 5 Lbs., 60c; 15 Lbs., \$1.50; 30 Lbs., \$2.75; 100 Lbs., \$7.50.

## BARLEY

**SPRING BARLEY**—It can be grown on almost any kind of soil and produces a crop even on light soil which will not produce wheat or oats. Price: Lb., 15c; 5 Lbs., 60c; 15 Lbs., \$1.50; 30 Lbs., \$2.75; 100 Lbs., \$7.75.

## BROOM CORN

**STANDARD EVERGREEN BROOM CORN**—Grows about eight to ten feet high, stands up well and is entirely free from crooked brush. The fibre is long and fine. It will not get red in the field before it is cut, but is strictly a green variety of brush. Used for medium and long brooms. Price: Lb., 15c; 5 Lbs., 65c; 15 Lbs., \$1.80; 30 Lbs., \$3.50; 100 Lbs., \$10.00.

## COW PEAS

**COW PEAS** are very valuable for hay when cut and also a great soil enricher when plowed under. Cow Peas should be sown at the rate of 1 to  $1\frac{1}{2}$  bu. per acre.

**WHIPPOORWILL**—This variety matures in about 70 days and is very largely grown as a soil improver and for pasturage. Trails very little and usually in bush form. It is the favorite bunch-growing variety; has brown speckled seeds. Price: Lb., 20c; 5 Lbs., 75c; 15 Lbs., \$2.00. Write for prices on larger quantities.

**CLAY**—A vigorous grower. This is one of the best peas for our southern country, being a virgorous grower and an abundant bearer, very moist, giving proper nourishment to the soil. Begins to bear about two months after planted and very much preferred on account of the fineness of its growth. Price: Lb., 20c; 5 Lbs., 75c; 15 Lbs., \$2.00. Write for prices on larger quantities.

**NEW ERA**—This famous variety is grown extensively everywhere and is an early maturing variety of quick up-right growth. The vines make a splendid dry forage, cure easily, and produce a heavy yield of peas. Very valuable in sections where the season is short. Price: Lb., 20c; 5 Lbs., 75c; 15 Lbs., \$2.00. Write for prices on larger quantities.

**MIXED**—We always have a supply of mixed varieties; usually a little lower in price because of this but equally valuable for forage or for enriching the soil. Price: Lb., 15c; 5 Lbs., 65c; 15 Lbs., \$1.50. Write for prices on larger quantities.

## SOY BEANS

**HAVE** been grown successfully in all sections of this country, and by many farmers are preferred to Cow Peas, both for their larger yield of beans, and the fact that they are easier to gather.

Comparatively few farmers in this section have had experience with Soy Beans, though nearly all of them have used Cow Peas. Price: Lb., 15c; 5 Lbs., 65c; 15 Lbs., \$1.50. Write for prices on larger quantities.

**CANADA FIELD PEAS**—These are quite distinct from the Cow Peas but equally as valuable when used as fertilizer, food, etc. Lb., 15c; 5 Lbs., 65c; 15 Lbs., \$1.80; 30 Lbs., \$3.50; 100 Lbs., \$9.00.

**MULFORDS CULTURE**—Use them on all legumes for enriching the soil and producing better crops. Price:  $\frac{1}{4}$  acre, 50c; 1 acre size, \$1.50; 5 acres, \$5.00.

## DWARF ESSEX RAPE

**THE** demand for Dwarf Essex rape is increasing each year and being planted more and more as a feed crop and the acreage now sown is greater than ever. It is easily grown everywhere and always gives the best of satisfaction.



As a forage plant for hogs, cattle or sheep it cannot be surpassed. There is but one true variety, and that is Dwarf Essex, and we offer you only the true stock. No owner of stock can afford to be without this great forage crop. Price: Lb., 30c; 5 Lbs., \$1.25; 10 Lbs., \$2.00; 50 Lbs., \$9.00.

## PEARL OR CATTAIL MILLET

**MAKES** a splendid continuous cutting forage plant for either green feed or hay. It will grow ten to twelve feet high, but cutting can commence when it has attained a height of three to four feet, when it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season.

The stem is stout, and the terminal spike is 6 to 12 inches in length. It flourishes best in a rich, loose soil. Sow in drills 3 feet apart, using 5 pounds of seed per acre, or broadcast, sowing 8 pounds to the acre. Price: Lb., 40c; 5 Lbs., \$1.75.

## CHOICE RYE

**IF SOWN** early in the spring it makes an early and abundant pasture. It is quite commonly employed recently and used with great profit as a catch crop where grain has been winter-killed. Sow  $1\frac{1}{2}$  to 2 bushels to the acre. Price: Lb., 10c; 5 Lbs., 40c; 10 Lbs., 75c; 50 Lbs., \$2.75.

Plant "Pure and Sure" Field Seeds FOR BETTER CROPS

# FARM SEEDS—Continued

All Prices on Field Seeds are subject to market changes. All orders filled to the amount of remittance at market prices when order is received.  
Bags extra, at cost, ½ Bu. cotton, 20c; Seamless, 65c each.  
(Seed by Parcel Post, See page 1.)

## CANE

**EARLY AMBER**—Farmers and stockmen say that Early Amber Cane is the most valuable fodder plant in existence. Not only is it adapted for feeding purposes, but it has great qualities as a Sorghum. Price: Lb., 10c; 5 Lbs., 45c; 15 Lbs., \$1.20; 30 Lbs., \$2.15; 100 Lbs., \$6.50.  
**EARLY ORANGE**—A variety well adapted for the South. It is from eight to ten days later than the Early Amber. Price: Lb., 10c; 5 Lbs., 45c; 15 Lbs., \$1.20; 30 Lbs., \$2.10; 100 Lbs., \$6.50.

## KAFFIR CORN

**ONE** of the finest fodder plants, yielding two crops each season. Stalks grow to a height of five or six feet, each bearing numerous wide leaves. It is a wonderful yielder and one of the most profitable crops grown.  
**WHITE VARIETY**—Price: Lb., 10c; 5 Lbs., 45c; 10 Lbs., 85c; 50 Lbs., \$3.50; 100 Lbs., \$6.50.

## FETERITA

**A** WONDERFUL new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. Under proper conditions, it will yield 60 to 75 bushels to the acre. Price: Lb., 10c; 5 Lbs., 45c; 15 Lbs., 85c; 50 Lbs., \$3.50; 100 Lbs., \$6.50.

## MILO MAIZE

**G**REATEST producer of forage of the best quality. Grows 8 to 12 feet tall, stooling heavily, and can be cut 3 or 4 times during a season. Cut at any stage of growth. Seed heads immense and can furnish a grain crop equal in feeding value to corn. Plant 10 pounds per acre in drills. Immense yield will surprise you. Price: Lb., 10c; 5 Lbs., 45c; 10 Lbs., 85c; 50 Lbs., \$3.50; 100 Lbs., \$6.50.

## MILLETS

(50 Lbs., per Bushel.)

**H**UNGARIAN—Commonly called Hungarian Grass. A quick growing, valuable forage plant. May be sown at any time during the Summer up to the middle of August. Price: Lb., 15c; 5 Lbs., 65c; 10 Lbs., \$1.00; 50 Lbs., \$4.00; 100 Lbs., \$7.50.

**SIBERIAN**—More productive than the German or Golden and of superior quality. Is superseding all other varieties in some sections. Price: Lb., 15c; 5 Lbs., 65c; 10 Lbs., \$1.00; 50 Lbs., \$4.00; 100 Lbs., \$7.50.

**GERMAN OR GOLDEN**—It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Fancy—Price: Lb., 15c; 5 Lbs., 65c; 10 Lbs., \$1.00; 50 Lbs., \$4.00; 100 Lbs., \$7.50.

## PEANUTS

**F**IELD largely and are a paying crop. Planted in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost. Price: Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75.

## SUNFLOWER

**M**AMMOTH RUSSIAN—Sunflower Seeds are superior for poultry (said to improve the meat.) Price: Lb., 30c; 5 Lbs., \$1.25.

## VETCH

**W**INTER OR HAIRY VETCH—Should be sown during August and September; mixed with Rye, it serves as a support for the plants, or in Spring with oats or barley. It is the earliest crop for cutting. Price: Lb., 50c; 5 Lbs., \$2.25.

## SEED OATS

It Costs Less to Grow Good Oats than Poor Ones.

**E**ARLY WHITE CHAMPION—This is a well-known and popular variety throughout the central states and northwest. It ripens early and yields abundant crop. It is a large, white oat, free from black kernels. In comparison with other sorts, one close observer has stated, "It has the plumpest kernel of any variety." The straw is of medium length and of a quality that stands up well on almost any kind of soil. We have a bright, heavy stock to offer, which we would be pleased to send you a sample. Price: Bu., \$1.35; 10 Bu., \$1.30 per Bu.

**TRUE BLACK**—They are preferred by those who have had experience with them principally on account of their superior yielding qualities, but besides being fully equal, if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Price: Bu., \$1.40; 10 Bu., \$1.35 per Bu.

**TEXAS RUSTPROOF**—The ideal Rust Proof variety, grown extensively throughout the South, an immense yielder, a sure cropper. Price: Bu., \$1.35; 10 Bu., \$1.30 per Bu.

**WINTER TURF OATS**—Sow in October or early November, make a good growth before Winter sets in, and can be relied upon to furnish the finest of green pasture all Winter through and a good crop of grain the next Spring. Write for price.

All Prices on this page subject to change.



# FARM SEEDS—Continued

PRICES SUBJECT TO MARKET CHANGES.

## ST. LOUIS SEED COMPANY'S SEED WHEAT

**W**E MAKE a great specialty of the choicest kinds of seed wheat and the stocks are grown for us on contract in our neighborhood, and thus we are enabled to observe the characteristics of the different varieties, and ascertain their bad qualities as well as their good ones. We beg to assure our customers that we do not and will not recommend any variety unless we have the best reasons for so doing.

As soon as the seed is received from our growers, it is at once carefully cleaned. Hence it reaches our customers in perfect condition for sowing both as to uniformity of size, freedom from imperfect grains, and will not only drill evenly, but germinate uniformly and give a perfect stand. This goes a great ways in guarding against winter killing.

There is no more important or profitable crop to the farmer than winter wheat, and if the farmers and wheat growers would give more careful attention to varieties and quality of seed, as well as to where they purchase their seed, they would soon find winter wheat growing the leading money crop of the farm.

Those who now obtain ten, fifteen and sometimes twenty-five bushels per acre would find it most profitable and remunerative if they would change to some hardy variety, adopted to the changes and rigor of cold, dry weather in the winter, they would find it easier to grow thirty or forty bushels per acre from good strong varieties of winter wheat than it is to grow ten and fifteen bushels now, and thus double and treble their profits from their acreage.

"Pure & Sure" Seed Wheat is the wheat to plant this fall. It means big results from a small additional cost and you have the assurance of receiving the best in seed wheat that is obtainable. Our many farmers whom we supply entirely with the seed wheat, are unanimous in their praises of the high quality and great results received from it and the same success awaits you.

## FULTZ'S MEDITERRANEAN

**T**HIS is without doubt the best blue stem Wheat of which we have knowledge. During the past seventeen years, through favorable and unfavorable seasons, it has given an average yield of 36 bushels an acre.

As the wheat ripens, the stem and straw assume a beautiful golden-yellow hue, and entirely free from rust. This variety has no beards and is especially adapted to the older wheat-growing sections of the northwest. The kernel is of the hard variety.

As a producer our strain of Fultz's Mediterranean is unexcelled and we advise you to give it a trial this fall. If you use puny, worn-out seed, you cannot expect the results that you will secure from using our high grade strain. The slight difference in cost is meager when you consider the bountiful crops that you will receive from the use of this seed.

Write for prices.

## FULCASTER

**T**RY our Fulcaster variety alongside of your old seed and then you will fully appreciate the many fine qualities of this magnificent variety. It is a wheat of superior vigor, strong disease-resistant qualities and is considered one of the most profitable wheats that can be grown. It is a bearded variety, with kernels of red color and a very thin husk. Kernels are hard and flinty and very rich in gluten. It is stiff-strawed and will stand up in wind and rain which would damage other varieties very much. Taken all in all, it is impossible to get a bearded wheat that will compare with our selected strain of Fulcaster. It is a great producer and as we mentioned before, try it alongside of your old seed and then compare the results. We know that it will far outclass any cheaper seed and it certainly is worth while to pay a little more and to receive this back ten fold in bigger yields.

Write for prices.

## RED MAY

**F**OR this section of the country we cannot recommend our Red May too highly. It is about a week earlier than the standard varieties and its high yielding qualities have steadily carried it to the front until now it is considered the equal, if not the superior of all the standard varieties.

It has a golden yellow color and its records of high yields have reached over thirty-four bushels to the acre the past season. This plainly shows the advisability of planting the highest grade seed.

It is an exceedingly hardy variety, highly recommended by the government experiment stations. It is very prolific and does well on upland or second bottom lands.

Straw rather short but stiff, carrying good, square, well filled heads. If you are in doubt plant our Red May—our select strain will insure full rewards for your labor.

Write for prices.



Fultz's  
Mediterranean.



## FARM SEEDS—Continued

FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

Bags extra at cost—Cotton, Pk. size, 15c; ½ Bu., 20c; 2 Bus. Seamless, 65c.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES.



Orchard Grass.

**TIMOTHY**—(45 Lbs. per Bu.)—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost a much seed in the early Spring, and it is frequently sown then with equal success. Price: Lb., 25c; 5 Lbs., \$1.10; 10 Lbs., \$2.00; 25 Lbs., \$4.50; 100 Lbs., \$16.00.

**RED TOP**—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: Lb., 35c; 5 Lbs., \$1.60; 10 Lbs., \$3.00; 25 Lbs., \$7.00; 100 Lbs., \$27.00.

**ENGLISH PERENNIAL RYE GRASS**—(20 Lbs., per Bu.)—It is invaluable for perennial pastures, for hay if cut when in blossom. Price: Lb., 30c; 5 Lbs., \$1.40; 10 Lbs., \$2.50; 25 Lbs., \$5.85; 100 Lbs., \$22.00.

**BERMUDA GRASS**—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. Price: Lb., \$1.25; 5 Lbs., \$5.50; 10 Lbs., \$10.00.



Timothy.

**CANADIAN BLUE GRASS** (*Poa Compressa*)—Also called flat stemmed poa. Flat-stalked Meadow Grass; distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. Price: Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 25 Lbs., \$6.50; 100 Lbs., \$24.00.

**ORCHARD GRASS** (*Rough Cock's Foot*)—(14 Lbs. per Bu.)—A rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. Price: Lb., 50c; 5 Lbs., \$2.30; 10 Lbs., \$4.50; 25 Lbs., \$9.75; 100 Lbs., \$34.00.

**HARD FESCUE**—Smaller and less vigorous growth than Sheep's Fescue. It suits sandy or dry hilly soils. Price: Lb., 60c; 5 Lbs., \$2.75; 10 Lbs., \$5.50.

**CRESTED DOGSTAIL**—A hardy grass forming a smooth, compact and lasting turf. Price: Lb., 50c; 5 Lbs., \$2.30; 10 Lbs., \$4.50.

**RED FESCUE**—For meadows or pastures on dry, hard or sandy soils. It is very hardy. Price: Lb., 60c; 5 Lbs., \$2.75; 10 Lbs., \$5.50.

**MEADOW FESCUE** (*Festuca pratensis*)—One of the best grasses for permanent pastures; yields an abundance of fodder of great nutritive value. Much liked by all kinds of stock. Price: Lb., 45c; 5 Lbs., \$2.10; 10 Lbs., \$4.00.

## SUDAN GRASS SEED

**SUDAN** is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 ft., but when broadcasted thickly, it grows from 3 to 5 feet. The stems are fine, the largest stalks seldom larger than a lead pencil. Where the plants are scattered they stool abundantly, as many as 100 stalks coming from a single root. The stems are leafy, erect, and seldom lodging. The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It is considerably earlier than the earliest Amber Sorghum, and will probably mature as far north as the Canadian line.

**GROWING THE CROP**—It may be grown either drilled, in cultivated rows, or broadcasted. If planted in cultivated rows, the rows should be as close as possible, and yet permit of easy cultivation. In thirty-inch rows, six to eight pounds of seed per acre is ample; and, under conditions of very low rainfall, this method is recommended. Under humid conditions, 18-inch rows are preferable, and 10 pounds of seed per acre are sufficient. For drilling or broadcasted, 15 to 20 pounds of seed per acre, depending on rainfall, should be used.

**HARVESTING THE CROP**—The hay is recommended that in growing for seed headed, an early cutting is especially advisable where two or more cuttings per season are expected. The grass can be cut with a mower, but more conveniently with a binder, especially in dry regions, as the hay cures very rapidly in bundles. Price: Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.90; 25 Lbs., \$6.25.

## PERMANENT PASTURE MIXTURES

**FOR** every different kind and condition of soil there are a large number of grasses which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best. From these considerations, the importance of sowing many varieties for pasture and meadow purposes will be apparent.

**PASTURE MIXTURE "A"**—Good Moist Soils. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is dryer. If stock does not keep down to six or ten inches use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. Price: Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.80; 25 Lbs., \$6.50; 100 Lbs., \$24.00.

**PASTURE MIXTURE "B"**—Dry, Hilly Uplands. Sow fifteen to twenty pounds per acre. Recommended for rolling ground, or where stones or sand in soil demand

drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. Price: Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.80; 25 Lbs., \$6.50; 100 Lbs., \$24.00.

**PASTURE MIXTURE "C"**—Shaded Pastures. Sow 25 to 30 pounds per acre. This is especially planned to suit the woods, which is often waste except for its timber. Get the seed on and into the ground; do not leave on top of the leaves. The more open use the more seed. Price: Lb., 40c; 5 Lbs., \$1.85; 10 Lbs., \$3.50; 25 Lbs., \$8.50; 100 Lbs., \$32.00.

# ST. LOUIS SEED COMPANY'S CELEBRATED LAWN GRASS SEEDS

ESPECIALLY ADAPTED FOR THIS LOCALITY AND WILL INSURE A FINE, VELVETY LAWN.  
One Lb. will sow 300 Square Feet. 50 Lbs. to the Acre.

A SMOOTH, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is as satisfactory as any investment. A home-owner can make. A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sodds are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seeds and coarse, tufty grasses which appear after the lawn is made. Seeding is not only more economical but is attended with better results.

## ST. L. S. CO.'S HAVALAWN

(Name is registered in U. S. Patent Office.)

IS PROCURABLE only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for two reasons. First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even green lawn is assured from early Spring to late Autumn. Second, a given area can support only so many grass plants of one kind for they all absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With the facts in mind, our Havalawn Grass Seed is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Havalawn Seed are included the best varieties—pure, clean and free from fowl seed.

Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that Havalawn Grass Mixture is now perfect. Nothing better can be purchased on the American market, no matter what claims may be advanced by other seedsmen. Price: Lb., 45c; 3 Lbs., \$1.25; 7 Lbs., \$2.75; 14 Lbs., (Bu.) \$5.50; 50 Lbs., \$19.00.

## GOLF LINKS MIXTURE

WE HAVE given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks from time of sowing and will last indefinitely. 1 Lb., 50c; 3 Lbs., \$1.40; 10 Lbs., \$4.50; 50 Lbs., \$21.00.

**BERMUDA GRASS** (*Cynodon Dactylon*)—Is a dwarf perennial plant and spreads by means of its long and many-jointed root stalks, and for this reason is hard to eradicate once it has secured a foothold; thrives during the hottest part of the year, and will live under water for a long time. Makes a durable lawn and is also used to hold embankments. This grass is much used for lawns about Sacramento. The seed is very slow to germinate and requires heat and moisture. Sow 10 lbs. per acre. Price: Lb., \$1.00; 5 Lbs., \$4.75; 10 Lbs., \$9.00.

**CANADIAN BLUE GRASS**—Resembles somewhat the Kentucky Blue Grass, but is not of so good quality. It is grown very extensively in Canada and some parts of the United States. Price: Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 25 Lbs., \$6.50; 100 Lbs., \$24.00.

## PUTTING GREEN MIXTURE

A CAREFUL study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Price: Lb., 50c; 3 Lbs., \$1.40; 10 Lbs., \$4.50; 50 Lbs., \$21.00.

## ST. L. S. CO.'S SHADY LAWN MIXTURE

THIS mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slacked lime quite liberally. This mixture is a combination of fine dwarf-growing-evergreen varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price: Lb., 50c; 3 Lbs., \$1.40; 10 Lbs., \$4.50.

## GOOD RESULT MIXTURE

THIS is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places. Price: Lb., 30c; 3 Lbs., 85c; 10 Lbs., \$2.75; 50 Lbs., \$12.50.

## FANCY KENTUCKY BLUE GRASS

THIS famous grass is well-known in all sections. It generally grows well on any stiff or loamy Soil fertile and well drained in Central and Northern States. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat, does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established forms a close, compact turf, making a fine lawn. Price: Lb., 45c; 3 Lbs., \$1.25; 7 Lbs., \$2.50; 14 Lbs., (Bu.) \$5.00; 50 Lbs., \$19.00.

## WHITE OR DUTCH CLOVER

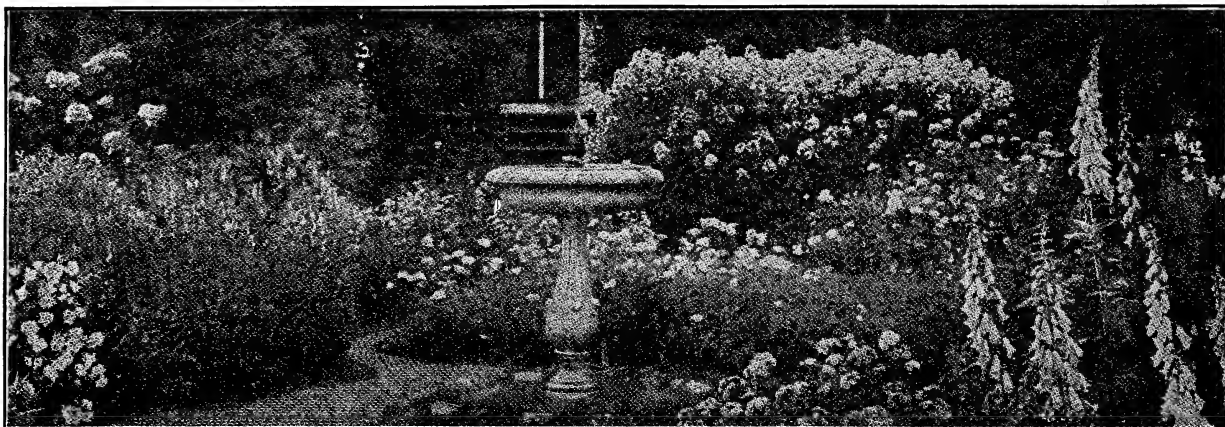
A LOW, close-growing clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Price: Lb., 90c; 10 Lbs., \$8.50.

**ENGLISH RYE GRASS**—It grows rapidly and makes a good showing within month from time of sowing. Valuable for planting early on dry hillside. Price: Lb., 30c; 5 Lbs., \$1.40; 10 Lbs., \$2.50; 25 Lbs., \$5.85; 100 Lbs., \$22.00.

**RHODE ISLAND BENT GRASS**—This is our very best grass for mixtures being hardy, and the creeping habit of its roots, constantly adding to the size of its plant, forms the closest mat. Will stand severe rolling and constant cutting. Should be in all lawn mixtures, but on account of its very high price, is rarely used. Price: Lb., 60c; 5 Lbs., \$2.75; 10 Lbs., \$5.50.

**CREEPING BENT GRASS**—Being of fine texture this grass is most valuable for lawns, and ideal for putting greens. It is of rapid growth and spreading habit, and makes a strong, enduring turf. Price: Lb., 60c; 5 Lbs., \$2.75; 10 Lbs., \$5.50.

For Other Grasses, See Page 48.



# GENERAL LIST OF FLOWER SEED

## ST. LOUIS SEED COMPANY'S

### "PURE AND SURE" FLOWER SEEDS

**S**URROUND your house with flowers, the most refining and uplifting influence in the world. Nothing can add to the beauty of your home like a flower garden. Here you can spend many pleasant hours; it is an enjoyable task to plant them, watch them grow and pick them for ornaments.

Years of experimenting, testing and selection have made "Pure and Sure" Seeds the highest quality seeds that have ever been offered the lover of flowers. Everything that would aid in producing better seeds, more beautiful flowers, and finer, improved varieties, has been done and the acme of perfection has been reached in our "Pure and Sure" Flower Seeds.

To those who have never tried "Pure and Sure" Seeds, we request that you give them a trial. Special collections on the opposite page will appeal to those who wish to try our seeds. We know what the results will be and are confident that once you have tried them, you, like many others, will become a regular planter.

And as to price, let us merely remark that you can buy cheaper seeds, but it is impossible to buy better seeds. The final results are the only criterion of value in seeds and the final results of "Pure and Sure" Seeds speak for themselves; a small trial order will convince you of the high quality and merits of our selected strains of Flower Seeds.

In presenting this list of Flower Seeds for your attention, every care has been taken to secure seeds from sources of supply known to us, and from our experiences to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class.

We mail all Flower Seeds **POSTPAID** to any Post Office in the United States.

The following abbreviations and designations will be of material aid in making selections:

- 1 designates **early**—blooming in Spring and early Summer.
- 2 designates **intermediate**—blooming in Midsummer.
- 3 designates **late**—blooming in late Summer and Autumn.

**A** represents **Annual**—lasting but one year.

**B** represents **Biennial**—lasting two years.

**P** represents **Perennial**—lasting three or more years.

**E** represents **Evergreen**—retaining foliage the entire year.

**S** represents **Shrubs**—plants of bushy habit.

**G** represents **greenhouse** plants.

**Bu** represents **bulbous** plant.

As a large number of Biennials and Perennials, if sown early, flower the first season, this distinguishing mark (†) is affixed to such.

The hardiness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle States. Further north or south these designations apply only in a comparative way:

**h** represents **hardy**—plants for open border.

**hh** represents **half-hardy**—plants that require to be forwarded in pots or frames.

**t** represents **tender**—requiring protection.



# ST. LOUIS SEED COMPANY'S "Pure and Sure" FLOWER SEED COLLECTIONS

## FINEST ANNUAL COLLECTION

**T**HIS is the collection to plant for an abundance of old-fashioned flowers from early spring until late fall. Every variety is a great favorite among flower lovers and at the low price we are offering this collection, you can afford to get it, although you would not want to plant all the varieties. If you want a beautiful flower garden, try this collection. Regular \$1.00 value for 75 cents, postpaid.

1 pkt. Alyssum	1 pkt. Aster	1 pkt. Balsam
1 pkt. Carnation	1 pkt. Calendula	1 pkt. Candytuft
1 pkt. Cosmos	1 pkt. Dianthus	1 pkt. Eschscholtzia
1 pkt. Gaillardia	1 pkt. Larkspur	1 pkt. Marigold
1 pkt. Mignonette	1 pkt. Nasturtium	1 pkt. Pansy
1 pkt. Petunia	1 pkt. Phlox	1 pkt. Salvia
1 pkt. Sweet Peas	1 pkt. Verbenas	

20 Packets mailed postpaid for 75 cents.

## PERENNIAL GARDEN COLLECTION

**T**HE most popular collection we ever offered our flower lovers. This collection will make your garden a show-place. Start your Hardy Garden this year and this collection will produce the flowers that you like—the genuine old-fashioned flowers that are a source of joy to all. Regular \$1.10 value for 75 cents, postpaid.

1 pkt. Antirrhinum	1 pkt. Aquilegia	1 pkt. Coreopsis
1 pkt. Digitalis	1 pkt. Delphinium	1 pkt. Pink
1 pkt. Forget-me-not	1 pkt. Gaillardia	1 pkt. Hollyhocks
1 pkt. Phlox	1 pkt. Poppy	1 pkt. Shasta Daisy
1 pkt. Sweet William	1 pkt. Stokesia	

14 Packets mailed postpaid for 75 cents.

## ASTER COLLECTION

### EXTRA EARLY PERFECTION.

**N**O FLOWER garden is complete without an elaborate planting of our Extra Early Perfection Asters. Varieties described on page 56.

### EXTRA EARLY PERFECTION ASTERS.

1 pkt. Dark Blue.....\$0.10	1 pkt. Light Blue.....\$0.10
1 pkt. Rose......10	1 pkt. White......10

Mailed postpaid for 30 cents.

## ASTER COLLECTION

### GIANT COMET.

**T**HE popularity attained by our Giant Comet Asters cannot be imagined and their large, immense flowers have made them the favorite of the Aster growers. You cannot equal them in size or magnificence of color. See page 57.

### GIANT COMET.

1 pkt. White.....\$0.10	1 pkt. Dark Blue.....\$0.10
1 pkt. Rose......10	1 pkt. Crimson......10
1 pkt. Lt. Blue......10	1 pkt. Lavender......10
1 pkt. Royal Purple.....10	1 pkt. Shell Pink......10

Regular price, 80 cents. Mailed postpaid for 60 cents.

## PANSY LOVERS' COLLECTION

For planting directions and full description of varieties, see page 74.

**O**UR Pansy Lovers' Collection produces the most beautiful Pansy bed that can be grown. The wealth of colors, the delicate blending of the colors when planted as shown in diagram on page 74, and the exquisite shades and luxurious growth of the plants make a bed of flowers that cannot be surpassed.

1 pkt. Snowflake, White.....\$0.10	1 pkt. Red.....\$0.10
1 pkt. Faust Black......10	1 pkt. Blue......10
1 pkt. Bronze......10	1 pkt. Gold Elsie, Yellow......10

The above collection, together with Cultural Leaflet on growing Pansies, mailed postpaid for 50 cents.

## SWEET PEA COLLECTION No. 1

**T**HE biggest bargain you can get in Sweet Peas. Eleven packets, filled with seed of the highest quality, in all the various colors and delicate shades, Grandiflora and Unwin types, as described on page 82. Regular price on these Sweet Peas is 55 cents. You can afford to plant plenty of Sweet Peas when offered as low as they are in this collection. 11 Big Packets, mailed postpaid for 25 cents.

## NOVELTY SWEET PEA COLLECTION

**T**HE beauty of the varieties in this collection cannot be described. Ten packets of Spencer Sweet Peas for 50 cents, tells the story, and every packet a separate color. Plant this collection this year and you will have an abundance of the most beautiful Sweet Peas that can be planted. We sell thousands of this Novelty Collection each year, and this best shows the great popularity of our Spencer Sweet Peas.

10 Packets, regular value \$1.00, mailed postpaid for 50 cents. Cultural Leaflet on growing Sweet Peas mailed with each collection.

## ANTIRRHINUM COLLECTION

**S**NAPDRAGON grows in favor daily. The tall graceful spikes are excellent for vases and general decorative purposes. For full description of varieties, see page 54. To introduce our superior strain of Half-Dwarf Large Flowering Varieties, we offer you:

1 pkt. Daphne, Soft Blush Pink.....\$0.10	1 pkt. Crimson King, Red.....\$0.10
1 pkt. Defiance, Orange......10	1 pkt. Rose Queen, Rose......10
1 pkt. Golden Queen, Yellow......10	1 pkt. The Bride, White......10

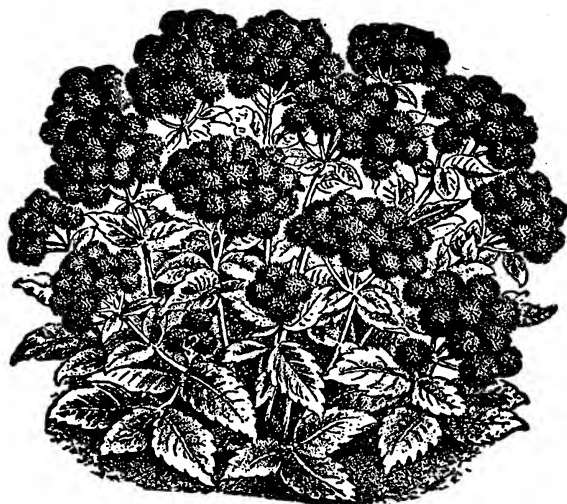
Regular 60 cent value, mailed postpaid for 40 cents.

WE PAY ALL FORWARDING CHARGES ON THE ABOVE COLLECTIONS.

# GENERAL LIST OF FLOWER SEED

**I**N PRESENTING this list of Flower Seeds for your attention, every care has been taken to secure seeds from sources of supply known to use and from our experiences and from our tests at our trial grounds, to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class.

We mail all Flower Seeds POSTPAID to any Post Office in the United States.



Ageratum Mexican.

## AGERATUM (Floss Flower)

**O**NE of the very best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties, are, without doubt, the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. Half-hardy annual.

**BLUE PERFECTION**—This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. Price: Pkt., 10c.

**LITTLE BLUE STAR**—A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging. Price: Pkt., 15c.

**SWANLEY BLUE**—Extra fine for Bedding. 9 in. Price: Pkt., 10c.

**IMPERIAL DWARF BLUE**—A handsome variety different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 5 inches in height, with clusters of flowers of light blue, with a dark red center, changing to pure light blue. The plants are literally covered with flowers; we have counted over 200 on a single plant. Price: Pkt., 5c.

**IMPERIAL DWARF WHITE**—Like above, except in color. Price: Pkt., 5c.

**MEXICAN MIXED**—Blue and white, good for cutting; 18 in. Price: Pkt., 5c; ½ Oz., 25c.

## ABUTILON (Flowering Maple)

**A** VERY ornamental pot plant. Handsome little bushes, covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and veined. Bloom ready for seed the first Summer, 2-3; g. S; 4 ft.; Hybrids Mixed. Price: Pkt., 10c.

## ABRONIA UMBELLATA (Sand Verbena)

**V**ERBENA-LIKE rose-covered flowers. Elegant trailing habit. 2; h. A. Price: Pkt., 5c.

## ACROCLINIUM ROSEUM

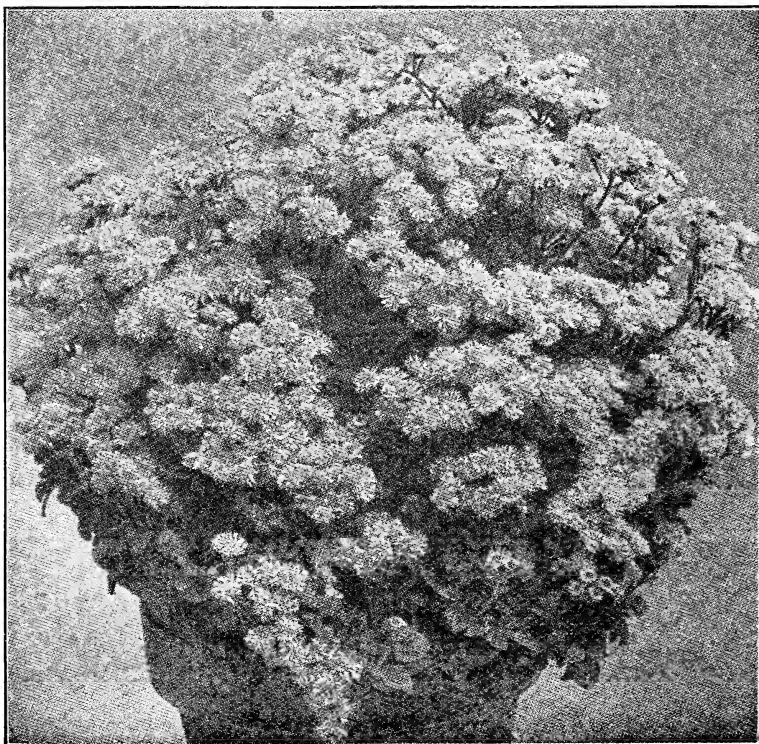
**A** PRETTY Everlasting, bearing graceful daisy-like flowers, pretty bright rose with yellow center, which, when cut in the bud state, can be dried and used for winter bouquets. 18 in.; A. Price: Pkt., 5c.

## ACACIA

**A** BEAUTIFUL shrub with graceful branches bearing racemes of fragrant yellow flowers. Soak seed in hot water, 1; g. P.; 6 foot. Price: Pkt., 5c.

## ACHILLEA (Milfoil, or Yarrow)

**T**HE PEARL—One of the best hardy white perennials. Grows about two feet high, and from Spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early. Price: Pkt., 15c; 2 Pkts. for 25c.



Ageratum Blue Perfection.

## ACONITUM (Monk's Hood, Wolfsbane)

**NAPELLUS BLUE**—A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. Price: Pkt., 10c.  
**NAPELLUS WHITE**—Price: Pkt., 10c.

## ADLUMIA (Cirrhusa)

(Mountain Fringe or Allegheny Vine)  
**CHARMING**, hardy biennial climber. Feathery foliage, rose-colored flowers. 3. h. B. 15 feet. Price: Pkt., 10c.

## ADONIS AESTIVALIS (Pheasant's Eye)

**BEAUTIFUL** dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant. 2-3 h. A; 1 foot. Price: Pkt., 5c.

## AGROSTEMMA CORONARIA

(Rose Campion)

**EXCEEDINGLY** handsome and free-flowering. Rose pink. h. P. 1½ feet. Price: Pkt., 5c.

## AMARANTHUS

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

**TRI-COLOR** (Joseph's Coat)—Makes a very pretty effect when used the same as Coleus. Keep it cut back to produce a symmetrical plant for edging; red, yellow and green; 2-3; t. A. 3 feet. Price: Pkt., 5c.  
**CHOICE MIXED**—Price: Pkt., 5c.

**PRINCE'S FEATHER**—Dark red feathery flowers. Price: Pkt., 5c.

## AMPELOPSIS (Veitchii)

(Boston or Japan Ivy)

**CLINGS** to the walls of wood, stone or brick. Dense foliage; glossy green, changing to red and yellow in autumn. h. P. 40 feet. Price: Pkt., 5c.



Ampelopsis (Boston or Japan Ivy).

## ALYSSUM (Annual)

**THIS** is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or the breakfast table. It begins to blossom early in the season and blooms more or less constantly until Fall.

**MARITIMUM** (Sweet)—Of trailing habit; flowers white. Price: Pkt., 5c; ½ Oz., 25c.

**CARPET OF SNOW**—We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. The plants commence to bloom when quite small, and will flower all Summer long, till late in the Fall. This habit, with its fragrance, makes it indispensable. h. A. Price: Pkt., 5c; ½ Oz., 35c.

**LITTLE GEM**—The best variety for bedding. Very dwarf and compact. Price: Pkt., 5c; ½ Oz., 35c.

**LILAC QUEEN**—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf, compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. Price: Pkt., 10c; 3 Pkts., for 25c.

**SAXATILE**—Hardy. A grand new variety of exquisite coloring. This new variety forms a perfect little bush with miniature flowers in great masses, of a bright yellow. This species is a hardy perennial, but blooms the first season from seed if sown early, grows about 12 inches high. Price: Pkt., 5c.

## ANCHUSA

(Italica, Dropmore Variety)

**ONE** of the finest hardy plants of recent introduction. remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. Price: Pkt., 10c.

## ANEMONE (Windflower)

**A** VERY pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. P.

**CORONARIA, Mixed Colors**—Price: Pkt., 5c.

## ANTHEMIS (Hardy Marguerite)

**KELWAYI**—A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 ft. Price: Pkt., 10c.

## ANTIGONON (Leptopus)

(Mountain Rose)

**A** GRAND and effective Vine when grown in a sunny spot, Bears numerous clusters of deep pink blossoms, completely covering the vine. If outdoors it does best in the South. 3 g. P. Price: Pkt., 5c.



Anemones.



# ANTIRRHINUM (Snapdragon)

Perennial, 3 ft.

**A**NTIRRHINUMS or Snapdragons have increased in popularity within the last few years until now, when used for cutting or grown in the garden for display, they rival even the sweet pea in beauty and gracefulness. They are one of the most valuable flowers that grow from seed.

Seed sown out of doors the first week of May will bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Snapdragons thrive best in positions partly shaded from the sun. It reproduces itself freely from seeds which ripen in abundance and may frequently be seen growing scattered throughout the garden.

## IMPROVED GIANT-FLOWERING TALL VARIETIES

**T**HE varieties offered below are the best and most improved of the largest-flowering sorts. The blooms are double the size of the old varieties and for a select strain of this great favorite, plant our improved strain.

**ST. LOUIS SNAP**—A new variety of great merit. Green-house grown seed. A striking and lovely variety, soft, silvery, pink, and the most pleasing and effective color yet introduced. The seed we offer is saved from carefully select spikes grown under glass and seed from which you can expect the prettiest flowers. Price: Pkt., 25c.

**GIANT VENUS**—A delicate shade of pink. A grand variety. Price: Pkt., 10c; 3 Pkts. for 25c.

**GIANT PURPLE KING**—The best Antirrhinum yet produced. It is of robust habit, the flowers being almost twice the size of any existing variety; the color is a deep, glowing purple, and they are borne in splendid spikes. Every garden should find a large planting of this beautiful variety. Price: Pkt., 15c; 2 Pkts. for 25c.

**GIANT QUEEN VICTORIA**—Very large flowers of a pure white color. Price: Pkt., 10c.

## ST. LOUIS SEED COMPANY'S GIANT SNAPDRAGONS

**T**HIS strain is a vast improvement over the old tall-growing varieties, being of strong habit and producing longer spikes and much larger flowers. They are exceedingly valuable for cutting, and the large variety of color has made them exceedingly popular.

	Pkt.		Pkt.
Giant White.....	\$0.05	Giant Rose.....	\$0.05
Giant Pink.....	.05	Giant Yellow.....	.05
Giant Scarlet.....	.05	Giant Mixed.....	.05
Giant Striped.....	.05		

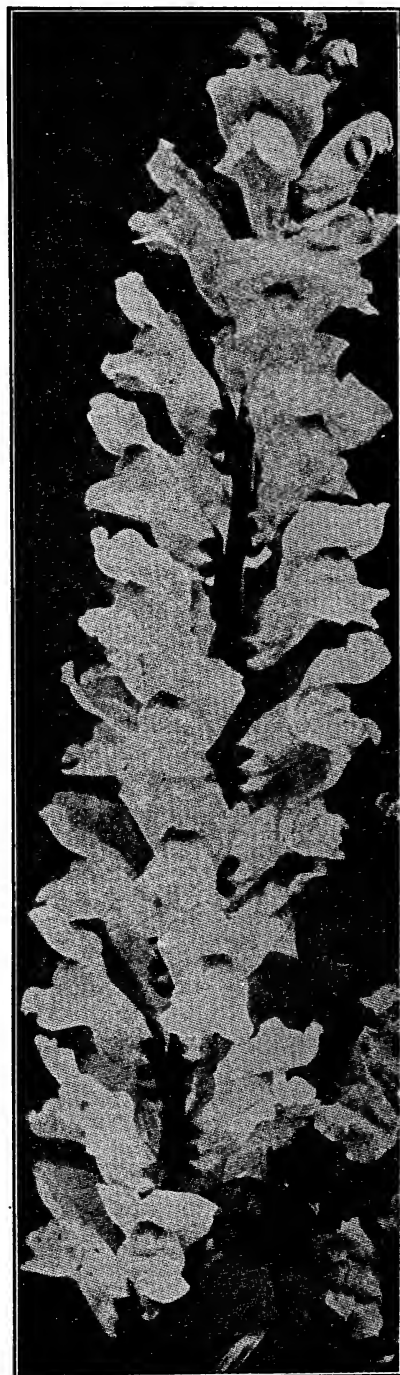
## LARGE-FLOWERING HALF DWARF VARIETIES

**A**SPLENDID type, growing about 18 inches high, and far superior to the other tall varieties for bedding purposes. Spike and flowers of good size. The mass of bloom which they produce from early until late in the season is really remarkable.

	Pkt.
Daphne—soft blush pink.....	\$0.10
Defiance—orange or russet red.....	.10
Golden Queen—rich, pure yellow.....	.10
Crimson King—rich, deep red.....	.10
Rose Queen—rich rose.....	.10
The Bride—pure white.....	.10
Half-Dwarf Mixed—all the colors.....	.10

## SPECIAL OFFER

Plant a bed of these beautiful half-dwarf varieties. We will mail you, postpaid, 6 packets of the above varieties—Daphne, Defiance, Golden Queen, Crimson King, Rose Queen and The Bride, for 40c.



Antirrhinum.



## AQUILEGIA (Columbine)

**N**O HARDY plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in Spring, and will, in the case of the single varieties, bloom the same season; or they may be planted in August or September, and will come up early in Spring and make vigorous plants, which will bloom abundantly during late Spring and early Summer. H. P.

**CALIFORNICA HYBRIDS** — Exquisite flowers, in yellow and orange shades, all with long spurs. Price: Pkt., 10c.

## ST. L. S. CO. LONG-SPURRED HYBRIDS

**T**HIS beautiful strain of Coumbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy, vigorous and stately growth, produce abundantly large and elegantly shaped flowers with long spurs. Seed may also be sown outdoors in fall. Price: Pkt., 10c.

**CHRYSANTHA (Golden Spurred)**—Golden-yellow.....\$0.10

**CHRYSANTHA ALBA**—Beautiful pure white......10

**DOUBLE**—All colors mixed......10

**SINGLE**—All colors mixed......05

**COERULEA**—Splendid light blue......10

## ASPARAGUS

**PLUMOSUS NANUS**—Probably the most popular house plant today. We sell thousands of florists who grow the pot plants. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. G. P. Price: Pkt., 10c.

**SPRENGERI**—Similar to Plumosus in coloring, only harder and more easily grown: 1 g. P. Price: Pkt., 10c.



Aquilegia.

## ARABIS (Rock Cross)

**ALPINA**—A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edging; withstands the drought, and is always neat; 6 inches. Price: Pkt., 10c.

## ARCTOTIS GRANDIS

**B**LUE-EYED or African Daisy—A remarkably handsome annual. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. Price: Pkt., 5c.



Arctotis Grandis.



## ST. LOUIS SEED CO.'S SUPERB ASTERS

(Annual)

**A**STERS will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil. For early flowering, seeds should be started in a sunny window, hotbed or coldframe in April and transferred to their place in the garden as soon as danger of frost has gone by. For August (midseason) and September (late) sow seeds outside in finely prepared ground in May, thinning out to one foot in the rows and two feet between. With the above prescribed treatment and frequent cultivation of plants to insure a steady growth until flowering, excellent large blooms with long stems can be obtained.

### EXTRA EARLY PERFECTION ASTER

**E**XTRA EARLY PERFECTION ASTERS are earlier than Queen of the Market. The stems are more slender and the flowers are much more decorative in character.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, averages over 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums.

	Price	Pkt.	¼ Oz.
Dark Blue.....		\$0.10	\$0.50
Light Blue.....		.10	.50

	Price	Pkt.	¼ Oz.
Rose.....		\$0.10	\$0.50
White.....		.10	.50

	Price	Pkt.	¼ Oz.
Finest Mixed.....		\$0.10	\$0.50

### QUEEN OF THE MARKET ASTER

**A**N EXTRA early variety, bearing large double flowers; plants of branching habit, having long stems. 2 ft.

	Price	Pkt.
White.....		\$0.05
Lavender.....		.05
Lt. Blue.....		.05
Dk. Blue.....		.05
Crimson.....		.05
Blush Pink.....		.05
Rose.....		.05
Mixed.....		.05

### MIDSUMMER PERFECTION

**M**IDSUMMER PERFECTION ASTERS have large flowers, with long, narrow, loose petals called Comet type and grow in a variety of colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching. We list below the Midsummer in their different beautiful colors.

	Price	Pkt.	¼ Oz.
White.....		\$0.10	\$0.50
Rose.....		.10	.50
Lt. Blue.....		.10	.50
Crimson.....		.10	.50
Dk. Blue.....		.10	.50
Mixed.....		.10	.50

Plant our collection of Extra Early Perfection Asters. 4 packets, 4 distinct colors, mailed postpaid for 30c.



Extra Early Perfection Aster.

## ST. L. S. CO. NOVELTY MIXED ASTERS

**T**HIS superb mixture is composed of all new novelties of recent introduction. The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers.

Price: Pkt., 15c; 2 Pkts. for 25c.

### GIANT COMET ASTERS

**F**LOWERS of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
White	\$0.10	\$0.50	Dark Blue	\$0.10	\$0.50
Rose	.10	.50	Crimson	.10	.50
Light Blue	.10	.50	Lavender	.10	.50
Royal Purple	.10	.50	Shell Pink	.10	.50
Mixed	Pkt., 10c; ¼ Oz., 50c.				

See page 51 for collection of these grand Asters.

### ST. L. S. CO.'S LATE BRANCHING ASTER (Late)

**T**HE superb strain, of American origin and especially adapted to our climatic conditions, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
Pure White	\$0.10	\$0.50	Lavender	\$0.10	\$0.50
Rose	.10	.50	Crimson	.10	.50
Purple	.10	.50	Peach Blossoms	.10	.50
Mixed	Pkt., 10c; ¼ Oz., 50c.				



St. L. S. Co.'s Late Branching Aster.

### DWARF CHRYSANTHEMUM-FLOWERED ASTERS

**B**USHY plants, 9 inches high, bearing large perfectly double flowers, fine for either gardens or pot culture. Finest Mixed Colors. Price: Pkt., 5c.

### HARDY PERENNIAL ASTER

**MIXED.** (Michaelmas Daisies)—Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. Price: Pkt., 10c.

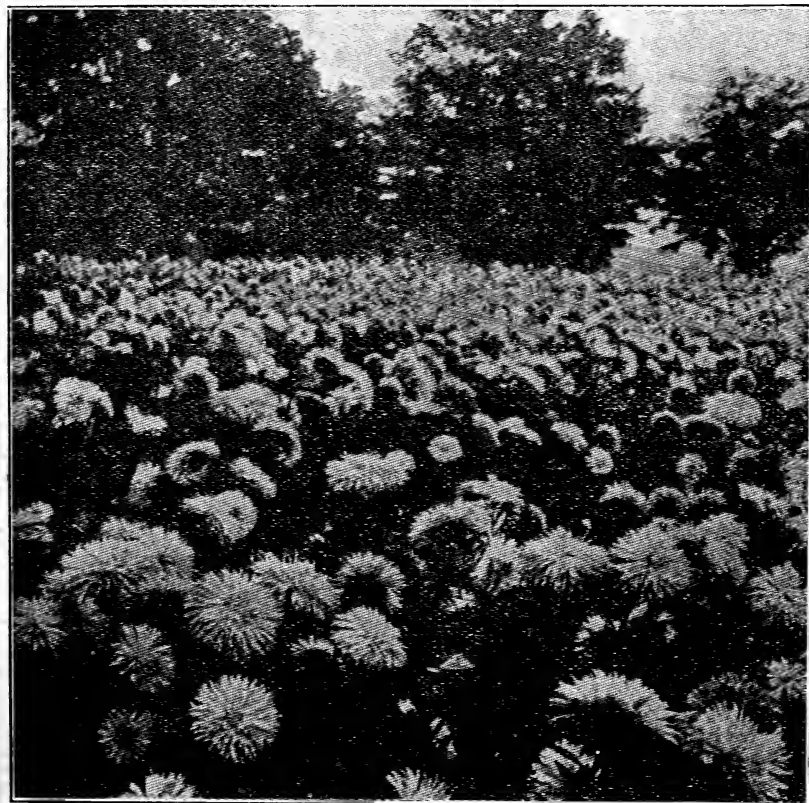
### CHINA ASTERS

**SINGLE MIXED**—A fine mixture of this popular flower. Price: Pkt., 5c.

### ASTERMUM

**A** STRAIN of Comet Asters which on account of their immense size and Chrysanthemum-like appearance have been appropriately named Astermums. They attracted great attention when they were first exhibited three years ago and have become increasingly popular ever since.

The plants grow about three feet high with strong stems and few of the flowers are less than five inches in diameter. White, Lavender, Rose Pink, Mixed. Price: Pkt., 10c.



Giant Comet Aster.



## BALSAM (Lady Slipper)

**A**N OLD favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easiest culture; succeeds in a good, rich soil. Tender annuals. 2 feet. Start the seed indoors in April, or sow out-of-doors in May.

**CAMELLIA FLOWERING DOUBLE**—Our stock of these beautiful flowers represents the best selections from the most celebrated specialists of Europe. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double, in fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than five seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue, purple and many other tints.

White.....	\$0.10	Salmon Rose.....	\$0.10
Light Pink.....	.10	Rose King.....	.10
Scarlet.....	.10	Mixed.....	.10
Rose Flowering—Double Mixed.....			.05

**APPLE**—A beautiful climbing plant; handsome apple-shaped fruits. Makes dense shade. The fruits preserved in alcohol make a useful liniment. hh. A. 15 to 20 feet. Price: Pkt., 5c.

**PEAR**—Fruits are smaller than the apple. Price: Pkt., 5c.

## BELLIS-PERENNIS OR DOUBLE DAISY

**G**REATLY improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. Height, 6 inches.

**LONGFELLOW, ROSE**—Extra large double rose-pink flowers. Price: Pkt., 10c.

**SNOWBALL, WHITE**—Unusually large very double, pure white flowers. Price: Pkt., 10c.

**DOUBLE, MIXED COLORS**—Price:] Pkt., 10c.

## BEGONIA

**A** BEAUTIFUL flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming. T. P.

**PRIMA DONNA**—Limpid rose, shading to carmine at the centre; everblooming. Price: Pkt., 15c.

**ERFORDIA**—This variety of Begonia takes a rank as a bedding plant with Geraniums and Coleus, doing equally as well in full sunlight. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. Price: Pkt., 15c, 2 for 25c.

**LUMINOSA**—Brilliant, fiery dark scarlet; very bright. Price: Pkt., 15c; 2 for 25c.

**DWARF VERNON**—Bright orange-carmine flowers, deep red foliage. Price: Pkt., 15c; 2 for 25c.

**FINE MIXED**—Similar to above, mixed. Price: Pkt., 10c.

## BRACHYCOME (Swan River Daisy)

**I**BERIDIFOLIA MIXED—Very effective in edgings, beds, and rustic baskets. Good for house culture in winter. Always in full bloom. hh. A. Price: Pkt., 5c.

## BALLOON VINE (Love-in-a-Puff)

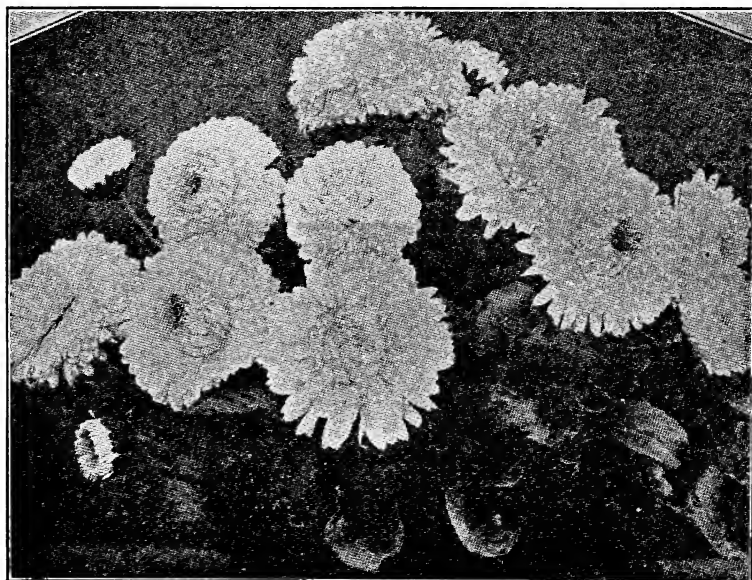
**A** RAPID growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. 5 to 10 feet. hh. A. Price: Pkt., 5c.

## BEAN SCARLET RUNNER

**A** GREAT favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans. Price: Pkt., 5c.



Balsam.



Bellis or Double Daisy.

## CALENDULA H. A.

**L**ARGE double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

**PRINCE OF ORANGE**—Golden yellow. Price: Pkt., 5c.

**ORANGE KING**—Very large double flowers of a dark orange-red. Price: Pkt., 5c.

**METEOR**—Creamy center, edged with orange. Price: Pkt., 5c.

**DOUBLE MIXED**—Price: Pkt., 5c; ½ Oz., 25c.

## CACALIA

(Tassel Flower)

**A** PRETTY free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Price: Pkt., 5c.

## CALCEOLARIA HYBRIDA

**C**OLORS—Yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1½ feet. Large Flowered Hybrids. Price: Pkt., 25c.

## CALLIOPSIS

**O**NE of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn. h. A.

**TALL MIXED**—Valuable for mixed beds and borders. About 1 ft. Price: Pkt., 5c; ½ Oz., 25c.

**SUPERB HYBRIDS, MIXED**—Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied. About 14 inches. Price: Pkt., 10c.

**DRUMMONDI**—Rich golden yellow. Price: Pkt., 5c.

**GOLDEN RAY**—Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon, edged with golden yellow and having twisted petals like a Cactus Dahlia. Price: Pkt., 5c.



Calendula.

## CAMPANULA

(Canterbury Bells)

**V**ERY beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive Bellflowers; thrives best in light, rich soil; some of the varieties flower first season if sown early.

### MEDIUM CALYCANTHEMA.

	Pkt.
Blue.....	\$0.10
White.....	.10
Rose.....	.10
Striped.....	.10
Mixed.....	.10

## CANDYTUFT (Iberis)

**T**HE Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and 1½ feet between the rows.

**EMPRESS**—The best pure white and the best for cut flowers; fragrant. Price: Pkt., 5c.

**MIXED**—Price: Pkt., 5c; ½ Oz., 25c.

(Hardy Candytuft)

**GIBALTARICA HYBRIDA**—White flowers, shading to lilac. Price: Pkt., 10c.

**SEMPERVIRENS**—A profuse, white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. Price: Pkt., 10c.

## CANNA

**C**ANNAS are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and universally popular garden plants grown. Mixed. Price: Pkt., 10c.

## CANARY-BIRD VINE

(Tropaeolum Canariense.)

**A** BEAUTIFUL rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Price: Pkt., 5c.



Calliopsis.



## THE CARDINAL CLIMBER

**WE** CONSIDER it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, laciniated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each, and wherever it has been grown during the past two seasons has attracted more attention and favorable comment than any other plant in the garden. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April, but it is best to wait until the weather gets warm and settled, and then sow out of doors. In either case it is well to file or cut through the hard outer shell of the seed or steep in warm water until they begin to swell, which greatly assists in a free and quick germination. If sown in cold, wet ground the seed is liable to rot. **Price:** Pkt., 15c; 2 Pkts. for 25c.

## CARNATIONS

**C**ARNATIONS are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's types are the best for summer flowering.

**CHABAUD'S EVER-BLOOMING MIXED**—Resembles the Marguerite Carnation, but is perpetual growing or perennial. Exquisite colors, large flowers. **Price:** Pkt., 20c.

**GIANT-FLOWERING MARGUERITE MALMAISON**—The flowers of this wonderful strain often measure 3 inches across, and are usually as double as double can be. The variety of color includes white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon, and many beautifully variegated flowers. **Price:** Pkt., 15c.

MARGUERITE PINK.....	Pkt. \$0.10
MARGUERITE WHITE.....	.10
MARGUERITE RED.....	.10
MARGUERITE YELLOW.....	.10

**MARGUERITE MIXED**—These beautiful Carnations succeed in any good situation. Exquisite in color. **Price:** Pkt., 5c; ¼ Oz., 25c.

**DOUBLE BORDER MIXED**—About 1 foot. **Price:** Pkt., 10c.

## CELOSIA (Coxcomb)

**B**EAUTIFUL plumes of brilliant colors, hh. A. Being fine for vases, and of splendid foliage. Celosia is the finest of all novelty plants, producing very large ostrich-feather-like plumes.

**THOMPSON'S MAGNIFICA**—A new improved strain. Colors: Golden Yellow, Fiery Scarlet, Purple, Salmon, Blood-red, etc. **Price:** Pkt., 10c.

**TALL CRIMSON**—**Price:** Pkt., 5c.

**TALL GOLDEN**—**Price:** Pkt., 5c.

**CELOSIA, CRISTATA (Coxcomb)**—They make attractive beds planted a mass or as a border for other plants. May be dried and kept for years, still retaining their color. Combs often more than 1 foot wide. hh. A.

**DWARF MIXED**—**Price:** Pkt., 5c.

**GLASGOW PRIZE**—The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. **Price:** Pkt., 10c.

## CINERARIA

**M**AGNIFICENT flowering plants for spring decorations for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of blooms. H. H. P.

**GIANT PRIZE**—Our best. **Price:** Pkt., 20c.

**HYBRIDA GR. FL. STELLA (Star Cineraria)**. A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory and especially so for church decoration; also useful for cutting. **Price:** Pkt., 15c.

**MARITIMA CANDIDISSIMA (Dusty Millers)**—These, as well as the white-leaved Centaureas, are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet. **Price:** Pkt., 5c.



Cardinal Climber.

## CENTAUREA

(Corn Flower or Bachelor's Button.)

**THIS** favorite, old-time flower is also known as Ragged Sailor, Blue Bottle, etc. It is a free flowering bloomer, very showy, growing from 2 to 3 feet high and is largely used for cut flowers. It grows in any soil and almost equals the Aster popularity. h. A.

**CYANUS SINGLE BLUE**—Rich, deep blue. 1½ feet. Price: Pkt., 5c.

**CYANUS SINGLE MIXED**—Contains all the popular colors. 1½ feet. Price: Pkt., 5c; ½ Oz., 25c.

**CYANUS DOUBLE MIXED**—A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. Price: Pkt., 10c.

**DOUBLE BLUE**—This was introduced in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. Price: Pkt., 10c; 3 Pkts. for 25c.

**MOSCHATA, or SWEET SULTAN**—A beautiful new variety, similar to Marguerite, producing freely large, graceful, fragrant flowers on long stems; height about 1½ feet. Price: Pkt., 5c.

**IMPERIALS (Giant Royal Sweet Sultans)**—This is a new type of annual Centaurea. Bushes are from 3 to 4 feet in height, flowers are finely fringed, soft and feathery, and frequently 3 inches across. Fine for cutting and of a strong, hardy constitution. Mixed, all colors. Price: Pkt., 5c.

**ODORATO MARGUERITE**—Distinct from all other varieties. Flowers pure white; exceedingly fragrant; long stems. The centers are full and double. Grows quite bushy and of the easiest culture. Price: Pkt., 5c.

**CANDIDISSIMA—Ornamental Leaved Centaurea.** (Dusty Miller)—For bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seed. Silvery white, finely cut leaves. 1 foot. Price: Pkt., 10c.

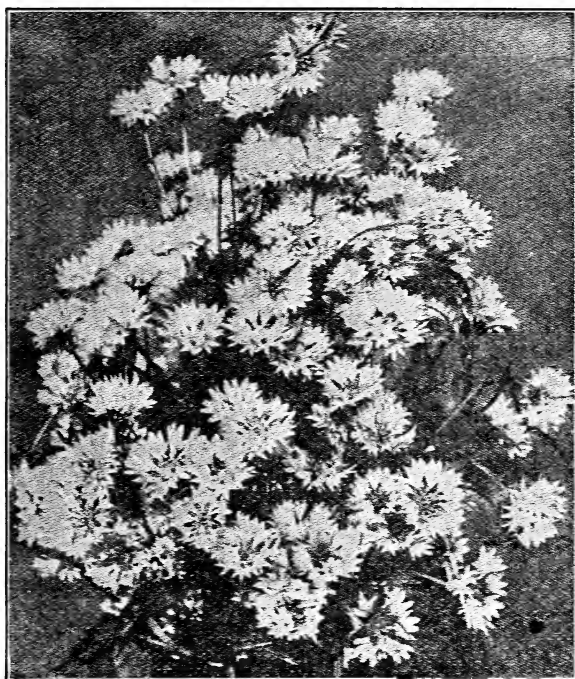
**GYMNOCARPA**—Leaves not so white as the above. 1½ feet. Price: Pkt., 5c.

## CLARKIA

**THIS** pretty and easily grown annual has been much improved in recent years, growing 2 to 2½ feet high, with leafy racemes of double flowers. Price: Pkt., 5c.



Shasta Daisy.



Centaurea.

## CHRYSANTHEMUMS

This seed will produce Blooming Plants the First Season.

**THE** real beauty of these Royal Flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that which we are now offering.

**BRIDAL ROBE**—Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. Price: Pkt., 15c.

**CORONARIUM DOUBLE MIXED**—One of the latest introductions in the Chrysanthemum world. Owing to its magnificent golden yellow and white shades, it is fast becoming a florist favorite. Price: Pkt., 5c; ½ Oz., 25c.

**MAXIMUM KING EDWARD VII (Moonpenny Daisy)**—Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. Price: Pkt., 10c; 3 for 25c.

**LEUCANTHEMUM (Shasta Daisies)**—A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. Price: Pkt., 10c.

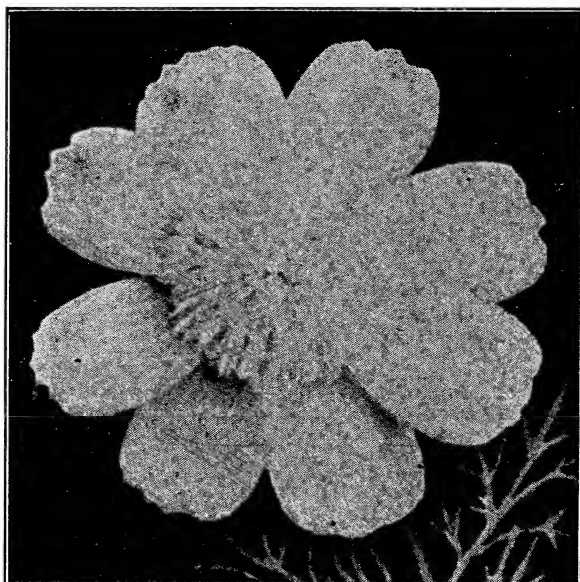
## CLEMATIS

**JACKMANII HYBRIDS**—The best-known and most valued variety. A great variety of colors. Price: Pkt., 10c.

## CLEOME (Giant Spider Plant)

**L**ARGE spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high. h. A.

**GIGANTEA**—The finest strain. Price: Pkt., 5c.



Double Cosmos.

## GIANT FLOWERING

**E**XQUISITE long-stemmed flowers of large size have made our Giant Flowering Cosmos a variety popular wherever grown.

Broad petals, oval-shaped, and overlapping; and the perfect shape of the flowers, and the long lasting quality of this variety readily makes it a garden flower of great merit.

For Autumn flowering, planted either in broad masses or backgrounds, it is very effective.

**GIANT FLOWERING LATE, 6 ft.**

	Pkt.
Pink.....	\$0.10
Crimson.....	.10
White.....	.10
Orange (Klondyke).....	.10
Finest Mixed.....	.10

## LADY LENOX COSMOS

The Highest Development in Cosmos.

**A**VAST improvement in this favorite garden annual and well worth a prominent place in your garden.

For garden decoration or as cut flowers, Lady Lenox has secured a wide following and its merits may be summed up in the beautiful symmetry of the oval-shaped flowers. Height of flower is from 6 to 7 feet.

**LADY LENOX, PINK**—Lovely shell-pink, lighting up well at night. Price: Pkt., 10c; ½ Oz., 30c.

**LADY LENOX, WHITE**—A fine pure white selection from the above. Price: Pkt., 10c; ½ Oz., 30c.

## DOUBLE COSMOS

**T**HESE new hybrids form bushy plants 5 to 6 feet high and flower profusely during the autumn months.

Only 40 to 50 per cent of the plants will bear double flowers, the balance producing large single blossoms, the reason being that the double flowers are pistillate—having no stamens and consequently bear no pollen—so to produce seed must depend upon staminate singles for pollination. The progeny therefore comes about half doubles and half singles. Double Cosmos flowers aside from their novelty and beauty are of lasting substance, both on the plants and as cut flowers.

**DOUBLE PINK BEAUTY**—Price: Pkt., 10c.

**DOUBLE WHITE QUEEN**—Price: Pkt., 10c.

## COSMOS

**T**HIS beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single dahlias. Foliage very finely cut. Excellent for cutting.

## MAMMOTH EARLY COSMOS

**T**HE long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. A hardy and rapid growing annual, forming bush-like plants with feathery, green foliage five to six feet high, covered with large flowers somewhat resembling the single dahlia. Sow outdoors early in spring in rather light soil, not too rich, and preferably in a sunny situation. Cover the seed with one-fourth to one-half inch of fine soil firmly pressed down.

	Pkt.
Mammoth Early Crimson.....	\$0.10
Mammoth Early White.....	.10
Mammoth Early Pink.....	.10
Mammoth Early Mixed.....	.10

**HYBRIDA FINEST MIXED**—Seed if sown in March and April will flower during July. Our seed is all grown in New England from our special strain. 4 ft. Price: Pkt., 5c; ½ Oz., 25c.



Cosmos.



## CLIMBERS, RAPID MIXTURE

**T**HIS mixture contains flowers of gigantic size, and the colorings and markings beyond description, ranging from snow-white to black-purple, with all the possible intermediate shades. Others are edged with white, having throats of one of the above colors; there is also an endless number having flowers spotted, marbled, striped, flaked and splashed. This is beyond question the largest and most beautiful mixture of easy grown climbers. Wherever climbers can be grown this mixture should have a prominent place. The seed we offer is of our own importation direct from Japan, and embraces all varieties, which are really the most handsome, semi-doubles, quilled and frilled, crimped and scalloped, and double. It includes vines which succeed in shady, cool positions, and those that do best in dry, sunny ground. The different types of leaves and changes in color amongst the various flowers give a beautiful effect. Price: Pkt., 10c; 3 Pkts. for 25c.

### COBÆA (Cups and Saucers Vine)

**A** CLIMBER of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edgewise and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May.

**SCANDENS, BLUE**—Large, bell-shaped purple flowers. Price: Pkt., 5c.

**SCANDENS, WHITE**—Pure white. Price: Pkt., 5c.

### COLEUS

**C**OLEUS grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. Price: Pkt., 20c.

### CONVALLARIA

(Lily of The Valley)

**T**HIS beautiful flower can be grown from seed, it is perfectly hardy if given a top dressing of well rotted manure during winter months. Price: Pkt., 10c.



Coreopsis.



Cypress Vine.

### CYPRESS VINE

**O**NE of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

Scarlet.....	Pkt. \$0.05
White.....	.05
Mixed—White and Scarlet.....	.05

### COREOPSIS

**L**ANCEOLATA GR. FL.—One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the summer; unequalled for cutting; grows anywhere. Price: Pkt., 5c; ½ Oz., 25c.

### COTTON

**G**ROWN extensively for decorating purposes. Very showy and attractive. Price: Pkt., 5c; Oz., 10c.

### CUPHEA (Cigar Plant)

**A** VERY pretty border plant. Very showy for borders and bedding. Dwarf habit, hh. A. G.  
**PLATYCENTRA**—A favorite Cuphea. Price: Pkt., 10c.

### CYPERUS (Umbrella Plant)

**A**LTERNIFOLIUS—An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. Price: Pkt., 10c.

### DATURA

**A**NGEL'S "TRUMPET"—A new annual variety and exceedingly fine, bearing great trumpet-like flowers, 6 to 8 inches long, with double frilled interiors; sweet-scented; plants 4 feet high, bushy and free-flowering, of fine sub-tropical effect in the garden. Mixed. Price: Pkt., 5c.

### DIGITALIS (Foxglove)

**H**ANDSOME and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. 3 to 5 feet.  
**GLOXINIAEFLORA MIXED**—This is a fine strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. Price: Pkt., 5c.



Dahlia.

## DELPHINIUM

(Perennial Larkspur)

**T**HERE is perhaps no better known hardy plant than the Delphinium. The beautiful flowers borne on tall stately spikes are a gorgeous sight and a charm to the garden. Sow seeds in early spring in shallow boxes indoors or in a hotbed. Set out 6 inches apart in the garden. In the fall they may be lifted and set out in groups of colors; three or four plants at a distance of 3 feet apart, in the rear of hardy perennials, where they make a fitting background.

**BELLADONNA**—This is one of the finest and most continuous-blooming hardy Larkspur. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty. Price: Pkt., 15c; 2 Pkts. for 25c.

**BELLADONNA HYBRIDS**—A greatly improved variety of the "Belladonna" Larkspur; it retains the early and continuous blooming habit and the light azure-blue color, but the flowers are much larger, of better substance and the stems are from 5 to 7 feet high, the upper 2 to 3 feet form a huge branching raceme of fine, well-placed flowers. There is nothing like it amongst all the hundreds of new hybrids. Price: Pkt., 10c.

**FORMOSUM**—Large; rich dark blue, white center; borne on spikes 2 to 3 feet tall; one of the most popular varieties. Price: Pkt., 10c.

**ST. L. S. CO.'S NEW HYBRIDS**—This splendid strain is of strong, vigorous habit, with immense spikes from 2 to 3 feet long, of large flowers mostly in fine shades of light blue. Price: Pkt., 10c.

**CHINENSE BLUE**—A distinct and neat variety, growing about 18 inches high, with fine, feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. Price: Pkt., 5c.

**CHINENSE ALBUM**—The white-flowered form of the preceding. Price: Pkt., 5c.

**CHINENSE MIXED**—Price: Pkt., 5c.

## DAHLIA

**D**AHLIAS can be grown easily from seed so as to produce flowers the first year. This is as true of double Dahlias as of single. In the Dahlia are combined more desirable qualities than are found in almost any flower grown in the open ground. It can be had in perfection from June until cut down by frosts. In it can be found not only every imaginable color except blue, but the most beautiful combination of colors and marvelous blending of shades and tints imaginable. As a cut flower the Dahlia is unsurpassed, owing to its great diversity of bloom and the brilliant luster of its colorings.

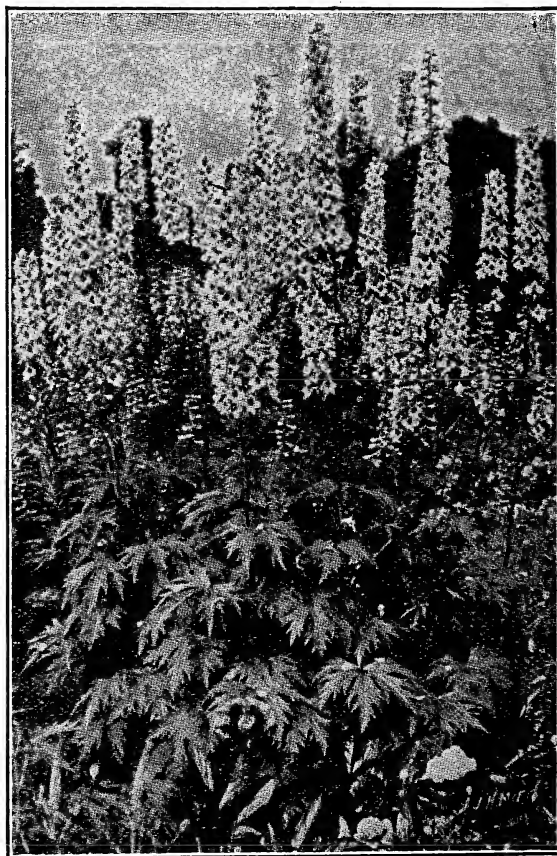
DOUBLE MIXED.....	Pkt. \$0.10
SINGLE MIXED.....	.05
CACTUS MIXED.....	.10

## DRACAENA

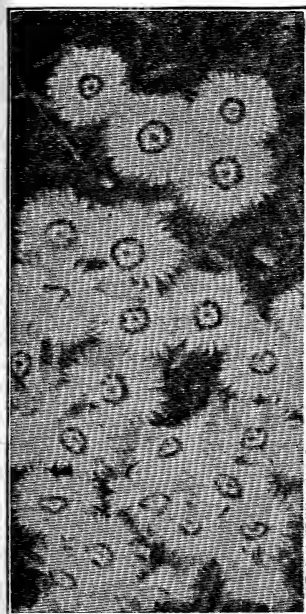
Indivisa—(Dragon Plant)

**B**EAUTIFUL ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. Price: Pkt., 10c.

**P L A N T**  
"Pure And Sure" Seeds



Delphinium.



Single Dianthus.

## DIANTHUS or PINKS

THE family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks become a mass of bloom, continuing until frost.

### DOUBLE ANNUAL VARIETIES

**CHINENSIS FL. PL.** (China, or Indian Pink)—Blossoms in clusters, flowers very double and bloom in a large range of bright colors. Price: Pkt., 5c; ¼ Oz., 25c.

**DIADEMATIS FL. PL.** (Double Diadem Pink)—Beautiful double flowers; mixed of various tints of lilac, crimson purple; outer edges fringed. Price: Pkt., 5c.

**HEDD, FL. PL.** (Double Japan Pink)—Double mixed, color varying from richest crimson to most delicate rose. Price: Pkt., 10c.

**HEDD, DOUBLE ATROPURPUREA**—Crimson. Price: Pkt., 10c.

**FIREBALL**—New. Extra double brilliant dark scarlet, very beautiful. Price: Pkt., 10c.

**SNOWBALL**—Large double white; excellent for border or cutting. Price: Pkt., 10c.

**LACINIATUS FL. PL.** (Double Fringed Pink)—Large double flowers, edges fringed; in a great variety of colors. Price: Pkt., 10c.

### SINGLE ANNUAL VARIETIES

THESE single sorts contain many beautiful varieties, flowers often measuring 2 to 3 inches in diameter, and are very effective for borders or beds.

**LACINIATUS** (Single-Fringed Pink)—A beautiful fringed variety; various colors. Price: Pkt., 5c.

## HARDY GARDEN PINKS

(Dianthus)

**LARGE Double-flowering Grass or Spice Pinks.** These are great improvements over the charming time-honored inhabitant of old-fashioned gardens. The flowers are large and borne profusely on short, stiff stems. In these new pinks we have a large variety of colors and markings; the color, of course, refers to the center of the flower, the remainder being white or bluish with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, bluish, spotted, laced, variegated, etc. They are excellent perennial garden plants, about 1 foot high, vigorous, hardy.

**PLUMARIUS, DOUBLE MIXED**—Price: Pkt., 10c.

**PLUMARIUS, SINGLE MIXED** (Pheasant's Eye)—Price: Pkt., 5c.

**PLUMARIUS, NANUS ERFURT**—Price: Pkt., 10c.

## DOLICHOS (Hyacinth Bean)

**RAPID-GROWING** annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in beds where they are to remain. 10 feet.

**WHITE**—This grand Hyacinth Bean comes from Japan. Seed sown late in May will by the middle of July often attain a height of ten feet. Price: Pkt., 5c; Oz., 15c.

**PURPLE**—The most beautiful purple. Price: Pkt., 5c; Oz., 15c.

**MIXED COLORS**—Price: Pkt., 5c; Oz., 10c.

## ERYSIMUM

THIS Annual Border Plant is one of the sweetest scented annuals in cultivation. It is of a beautiful orange yellow coloring. h. A. 3 feet.

**PEROSKIANUM**—The favorite orange coloring. Price: Pkt., 5c.

## EUPHORBIA (Poinsettia)

**VARIEGATA** (Snow-on-the-mountain)—Is very popular. Green foliage, veined and margined white; 2 to 4 feet. Price: Pkt., 5c.

**HETEROPHYLLA** (Mexican Fire Plant or Fire-on-the-Mountain)—An annual, resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. Price: Pkt., 5c.



Dolichos (Hyacinth Bean).



Eschscholtzia.

## ESCHSCHOLTZIA (California Poppies)

**B**EAUTIFUL and popular annuals, being of the earliest culture and giving great satisfaction. From spring-sown seeds they flower profusely until late in the autumn, making them invaluable bedding plants. h. A.

**CALIFORNICA**—Bright yellow. Price: Pkt., 5c.

**CARMINE KING**—Carmine-rose on both sides of the petals. Price: Pkt., 5c.

**ROSE CARDINAL**—A grand variety. Intense carmine. Price: Pkt., 5c.

**MANDARIN**—Red flowers, orange within and scarlet without. Price: Pkt., 5c.

**DOUBLE AND SINGLE MIXED**—Price: Pkt., 5c; ½ Oz., 25c.

## FERNS

**A** BEAUTIFUL plant used for foliage, bouquets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam. Below we offer you the finest species.

**FINE MIXED**—Greenhouse species. Price: Pkt., 20c.

**HARDY**—Species for outdoor culture. Price: Pkt., 20c.

**FOXGLOVE**—See Digitalis, Page 63.

## FEVERFEW (Matricaria)

**A**N OLD garden favorite. This is the annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work. h. A.

**DOUBLE WHITE**—About 2 ft. Good for cutting. Price: Pkt., 5c.

**GOLDEN BALL**—Dwarf. Beautiful yellow. Price: Pkt., 10c.

## FUCHSIA (Eardrops)

**T**HIS elegant pot variety is one of our showiest plants. They produce flowers of the most beautiful colorings. g. F.

**FINEST MIXED**—Price: Pkt., 25c.

## FORGET-ME-NOT (Myosotis)

**T**HESE daintily elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the fall and early spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays, and will bloom nicely in winter in a cool room or coldframe. Once at home in a garden they establish themselves by self-seeding. All the varieties are general favorites. Sow in spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches. hh. P.

**ALPESTRIS ROBUSTA GRANDIFLORA**—This splendid Forget-me-not plant is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure, blue flowers. Price: Pkt., 10c.

**PALUSTRIS SEMPERFLORENS**—An everblooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. Price: Pkt., 10c.

**INDIGO BLUE**—Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 in. Price: Pkt., 10c.

**VICTORIA DISTINCTION (Alpestris)**—Bright azure blue. Very early. Price: Pkt., 10c.

**MYOSOTIS ALPESTRIS MIXED**—A pretty trailer. Price: Pkt., 5c.

## FOUR O'CLOCK—MARVEL OF PERU

**F**OUR O'CLOCKS—Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented; Blossoms variegated and striped. h. A.

**FINE MIXED**—Price: Pkt., 5c; Oz., 10c.



Forget-Me-Not.

## GERANIUMS

**T**HESE grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed and there is always a chance of securing something new and desirable in that way. g. P. ZONALE, Mixed—Price: Pkt., 10c. APPLE-Scented—Price: Pkt., 25c.

## GLOXINIA

**G**LOXINIAS are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Flowers of extraordinarily large dimensions, measuring from  $4\frac{1}{2}$  to 5 inches across. 1 foot. g. P. GIANT HYBRIDS, MIXED—Price: Pkt., 25c.

## GODETIA

**T**HEY are of a dwarf habit of growth. The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. h. A. Mixed. Price: Pkt., 5c.



Geraniums.

## GAILLARDIA (Blanket Flower)

Annual Varieties.

**S**PLENDID showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders or for cutting; should be sown where they are to bloom;  $1\frac{1}{2}$  feet.

**ANNUAL DOUBLE**—A splendid variety of mixed colors. h. A. Price: Pkt., 5c.

**ANNUAL SINGLE**—Highly colored as the Perennial. h. A. Price: Pkt., 5c.

## HARDY HYBRID GAILLARDIA

**T**HE flowers are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others. These magnificent Gaillardias are hardy perennials, compact in growth and produce a constant succession of flowers summer and fall; grown in large groups they are gorgeously effective. As cut flowers they are almost unrivaled; the brilliant flowers, on long stems, "vase" handsomely, and last in water for days.

**GAILLARDIA**—(gr. fl. Oculata)—New light shades with red center. Very fine variety. Price: Pkt., 10c; 3 Pkts. for 25c.

**GRANDIFLORA COMPACTA, MIXED**—Price: Pkt., 10c; 3 Pkts. for 25c.

## GLOBE AMARANTH

(Gomphrena)

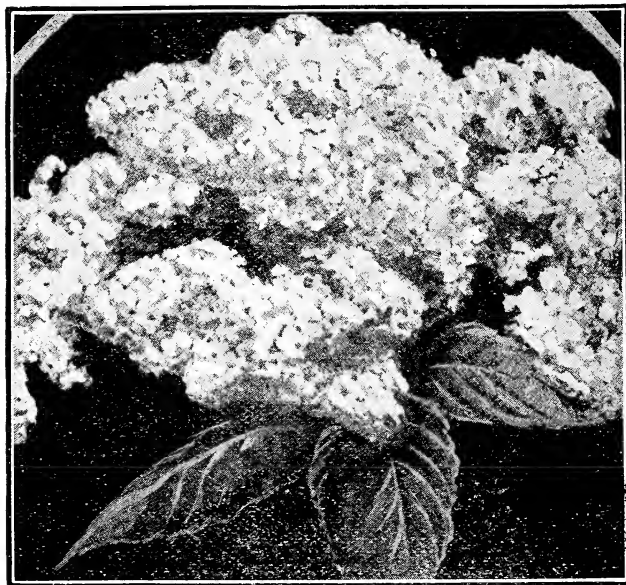
**P**OPULARLY known as "Bachelor's Buttons," a first-rate bedding plant, the flowers resemble clover heads.

**PURPLE**—Price: Pkt., 5c.

**MIXED**—Price: Pkt., 5c.



Gaillardia.



Heliotrope.

## ORNAMENTAL GOURDS

**THEY** attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

**DIPPER**—Useful for many household purposes. When grown on the ground, produces differently shaped gourds than on the trellis. Price: Pkt., 5c.

**DISH CLOTH OR LUFFA**—Sponge-like, porous lining is dried and used in the bath or for dishcloth. Price: Pkt., 5c.

**HERCULES' CLUB**—The longest of any of the gourds. Price: Pkt., 5c.

**JAPANESE NEST EGG**—Resembles hen's eggs in color, size and shape. Price: Pkt., 5c.

**PIPE CALABASH**—The stem ends of the fruits are much used in making pipes. Price: Pkt., 5c.

**SUGAR TROUGH**—Very light, but durable. Used for buckets, baskets, soap and salt dishes, etc. Price: Pkt., 5c.

**MOCK ORANGE**—A handsome gourd; very popular. Price: Pkt., 5c.

**TURK'S TURBAN**—All colors, mixed. Price: Pkt., 5c.

**SMALL VARIETIES, MIXED**—Price: Pkt., 5c.; Oz., 20c.

## GYPSOPHILA

**GYPSOPHILAS** are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. *G. paniculata* continues to bloom for several years. *h. A.*

**PANICULATA (Baby's Breath)**—Flowers white. A hardy perennial which will stay in the ground all winter. Price: Pkt., 5c.

**PANICULATA, Fl. Pl.**—The new double flowering Baby's Breath. Price: Pkt., 15c.

**ELEGANS, Pure white**—Splendid for carpeting in rose or lily beds. Annual. Price: Pkt., 5c.

**ELEGANS, Rose**—An elegant variety; Rose colored. Annual. Price: Pkt., 5c.

## HELIOTROPE

**ST. L. S. CO.'S GIANT MIXED**—Deliciously fragrant, flowering plants; growing about 18 inches high; great favorites for pot culture in the winter or bedding out in the summer. Large umbels of lilac or white flowers are continuously borne. Half-hardy perennial. 1½ ft. Price: Pkt., 10c.

## ORNAMENTAL GRASSES

**FOR** large beds or groups on lawns nothing gives a finer effect and they are now largely used in prominent positions in many of the finest public parks, etc.

**BRIZA MAXIMA (Quacking Grass)**—Very beautiful.

**COIX LACHRYMA (Job's Tears)**—2 ft.

**GYNERIUM ARGENTEUM (Pampus Grass)**—The most noble grass in cultivation. 12 ft.

**LAGURUS OVATUS (Hare's Tail Grass)**—Bushy and Puffy.

**EULALIA ZEBRINA (Zebra Grass)**—Light green, barred with creamy white. Variegation runs across foliage.

**PENNISETUM RUEPPELIANUM (Purple Fountain Grass)**—Graceful green foliage and purplish plumes, unequaled as an edging to a bed of Cannas or other tall plants; annual; 3 feet.

**STIPA PINNATA (Feathered Grass)**—Any variety. Price: Pkt., 5c; 6 for 25c.

**ALL COLORS MIXED**—Price: Pkt., Each 5c.

## GREVILLEA

(Silk Oak)

**ROBUSTA**—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. Price: Pkt., 10c.

## HELICHRYSUM

(Silk Oak)

**MIXED (Bachelor Button)**—Very ornamental and much admired when dried. Fine double mixed. 3 ft. Price: Pkt., 5c.



Helichrysum.

## HEUCHERA

**T**HE foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. A charming cut flower. h. P.  
SANGUINEA SPLENDENS—Price: Pkt., 10c.

## HIBISCUS

**R**OBUST garden annuals; large saucer-shaped flowers of creamy yellow with purple centers. 2 feet. h. A.  
AFRICANUS (Marshmallows)—Price: Pkt., 5c.

## HOLLYHOCKS (5 to 8 feet high.)

**N**EW EVERBLOOMING DOUBLE ANNUAL—A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August; but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. There is a great variety of color combinations in this strain, including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations. Price: Pkt., 10c.

ANNUAL EVERBLOOMING SINGLE. Price: Pkt., 10c.

**ALLEGHENY FRINGED DOUBLE MIXED**—Flowers mammoth in size, fringed pink to deep red in color. Blooms very early and continues late. Blooms the first year from seed if sown early. Price: Pkt., 10c.

**CHATER'S SUPERB DOUBLE**—An extra fine strain. The plants are hardy and large, robust growers; the flowers are not closely huddled up like the other Hollyhocks.

	Pkt.		Pkt.
Double White.....	\$0.10	Double Rose.....	\$0.10
Double Crimson.....	.10	Double Light Pink.....	.10
Double Sulphur Yellow.....	.10	Double Mixed.....	.10
Double Maroon.....	.10		

**DOUBLE MIXED, Ordinary Varieties.** Price: Pkt., 5c.

**SINGLE MIXED**—Many prefer the single-flowering Hollyhocks. They present a very handsome appearance when covered with their artistic blossoms. Mixed. Price: Pkt., 10c.

## HUNNEMANIA (Bush Escholtzia)

**T**HE plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers.  
HUNNEMANIA-FUMARIAEFOLIA—Yellow. 2-3. A. Price: Pkt., 5c.



Kochia.



Hollyhock.

## HOP

**J**APANESE VARIEGATED—Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop. Price: Pkt., 10c.

## ICE PLANT

(Mesembryanthemum Crystallinum)

**H**ANDSOME and curious plant for hanging baskets, rock work, vases and edgings. Trailer. t. A. 6-inches. Price: Pkt., 5c.

## IMPATIENS SULTANA

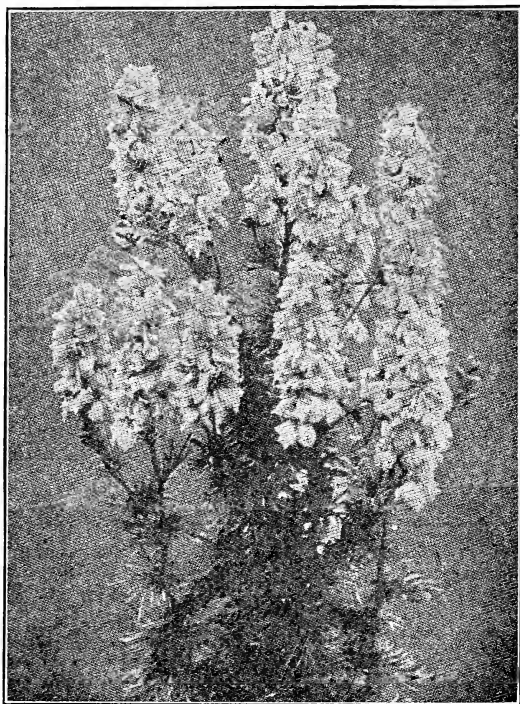
**T**HE ZANZIBAR OR SULTAN'S BALSAM—Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. It produces waxy bright flowers almost continually Winter and Summer. Grows about one foot tall, and of a handsome rose color. 2-3 g. P. Price: Pkt., 10c.

## KOCHIA (Burning Bush)

**F**ORMS regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name, "Mexican Fire Plant." h. A. Price: Pkt., 5c.

## KUDZU VINE

**A**TWINING vine of remarkably rapid growth, hardy, though the vine dies down every winter in the North. Foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. Price: Pkt., 10c.



Larkspur.

## ANNUAL LARKSPURS

**T**HIS is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection, in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border.

### DOUBLE STOCK FLOWERING TALL.

	Pkt.		Pkt.
Dark Blue.....	\$0.05	Lustrus Carmine.....	\$0.05
Shell Pink.....	.05	White.....	.05
Lilac.....	.05	Mixed.....	.05
Sky Blue.....	.05		

**DWARF ROCKET MIXED**—The earliest. Price: Pkt., 5c.

## LOBELIA

**T**HE annual Lobelias are plants of dwarf, compact growth, four to six inches in height, covered with numerous small, star-like flowers. Very pretty when grown as an edging for flower-beds, also for hanging-baskets and vases, and as house plants in pots in winter. Seeds should be sown in boxes in a warm, sunny window, or in shallow drills outdoors when the trees are starting out in leaf, barely covering the seed from view.

**CARDINALIS (Cardinal Flower)**—A native variety, with spikes for brilliant scarlet flowers; fine hardy border plant; 3 feet. Price: Pkt., 15c.

**CRYSTAL PALACE COMPACTA**—Large deep blue flowers and bronzy foliage. Of fine, close habit. 6 in. Price: Pkt., 10c.

**ERINUS GRACILIS**—Trailing dark blue. Price: Pkt., 5c.

**FLORIST'S FAVORITE COMPACTA (Pumila Splendens)**—Brilliant dark blue with white eyes. Very dwarf. Price: Pkt., 10c.

**SAPPHIRE**—Trailing Lobelias are also coming much into demand. This new variety is of remarkably strong growth, and is called Sapphire as the flowers show the wonderful deep blue of this gem. Price: Pkt., 15c.

## LANTANA

**H**YBRIDA—Dwarf Mixed—Of Dwarf growth, they will be found a great improvement upon the older sort, and a splendid acquisition to our list of window and garden flowers. Flowers verberna-like in many colors. g. P. Price: Pkt., 5c.

## LEMON VERBENA

**T**HE seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Lives from year to year. g. P. Price: Pkt., 10c.

## LINARIA

**C**YMBALARIA (Kenilworth Ivy)—Very pretty new variety, with light green glossy foliage and violet flowers. h. P. Price: Pkt., 10c.

## LINUM (Flax)

**SCARLET FLAX**—One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers. Price: Pkt., 5c.

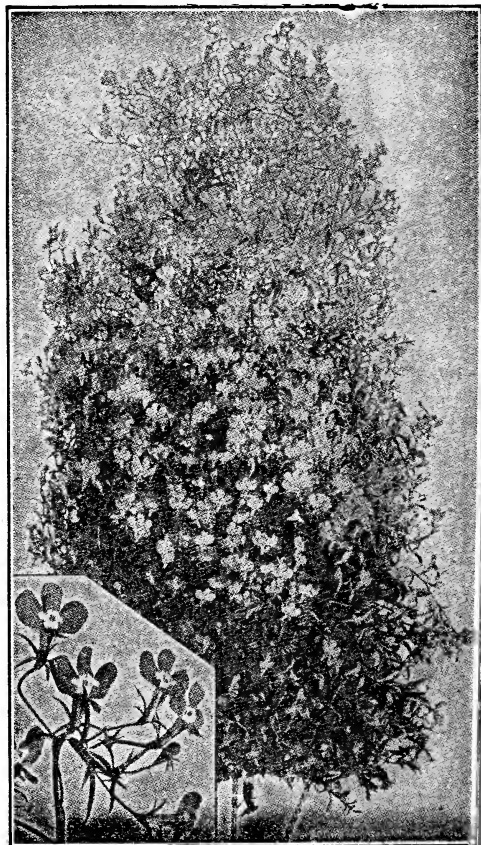
## LUPINUS

**ANNUAL MIXED**—Very desirable garden plants, showy and excellent for cutting. Graceful spikes, 2 feet long, in various shades of white, blue, pink and yellow. Price: Pkt., 5c.

**PERENNIAL MIXED**—3 H. P. Price: Pkt., 5c.

## LYCHNIS (Burning Star)

**H**AAGEANA HYBRIDA—Grand hardy perennials. White rose, vermillion. h. P. Price: Pkt., 10c.



Lobelia Sapphire.

## MARIGOLD

**THE** African and French Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in front of the shrubberies or in the garden border. They succeed best in light soil, with full exposure to the sun. h. A.

**AFRICAN TALL DOUBLE MIXED**—Taller than the French, and the flowers are larger. 2 feet. Price: Pkt., 5c; ½ Oz., 30c.

**FRENCH DWARF DOUBLE MIXED**—Many striped and blotched. Earlier than the African. 1 foot. Price: Pkt., 5c; ½ Oz., 30c.

**LEGION OF HONOR**—Single golden yellow blossoms marked with red. Price: Pkt., 5c; ½ Oz., 30c.

**ORANGE PRINCE**—A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. Price: Pkt., 5c; ½ Oz., 30c.

**LEMON QUEEN**—Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. Price: Pkt., 5c; ½ Oz., 30c.

**EL DORADO**—Flowers very large, imbricated and extremely double. Colors in all shades of yellow. Price: Pkt., 5c.

## MARVEL OF PERU—FOUR O'CLOCK

**FOUR O'CLOCKS**—Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented; Blossoms variegated and striped. h. A.

**FINE MIXED**—Price: Pkt., 5c; Oz., 10c.

## MIMULUS

**OR MONKEY FLOWERS**—Admirable pot plants. The color and markings of the large Gloxinia-shaped flowers are rich in the extreme.

**TIGRINUS MIXED**—One foot. 1-3. Price: Pkt., 10c.

**MOSCHATUS (Musk Plant)**—Foliage emits a strong musky perfume; yellow, 1 foot. 1-3 h. A. Price: Pkt., 5c.



## MIGNONETTE

**THIS** is one of the grandest garden flowers ever produced, and no garden is complete without an assortment of the following varieties. The colors of the florets vary on account of the density of the florets and spikes. For cutting they are superb, remaining fresh for 8 to 10 days in water. h. A.

**Culture.**—Sow out of doors, when danger from frost is over, in the bed or border where they are to flower. The soil should be well pulverized and the seed covered to a depth of about 4 times their size. Press down firmly with a board, and thin out so that the plants will not become crowded. For early flowering they should be sown indoors in a shallow box, or in a hot-bed, and transferred to the open ground when the weather becomes suitable.

**ALLEN'S DEFIANCE**—Will throw flower stalks of a foot in length and of an unequalled delicious fragrance. Good forcing variety under glass. 1½ feet. Price: Pkt., 5c.

**BISMARCK**—Can best be described as an improved Machet. Good for florists. Has stout stalks, dark cream crimped foliage. Price: Pkt., 5c.

**RUBY MACHET**—A dwarf compact variety with large stubby spikes covered with copper red flowers, with good foliage close up to the flower. Having an elegant fragrance that is pleasing to all. Price: Pkt., 5c.

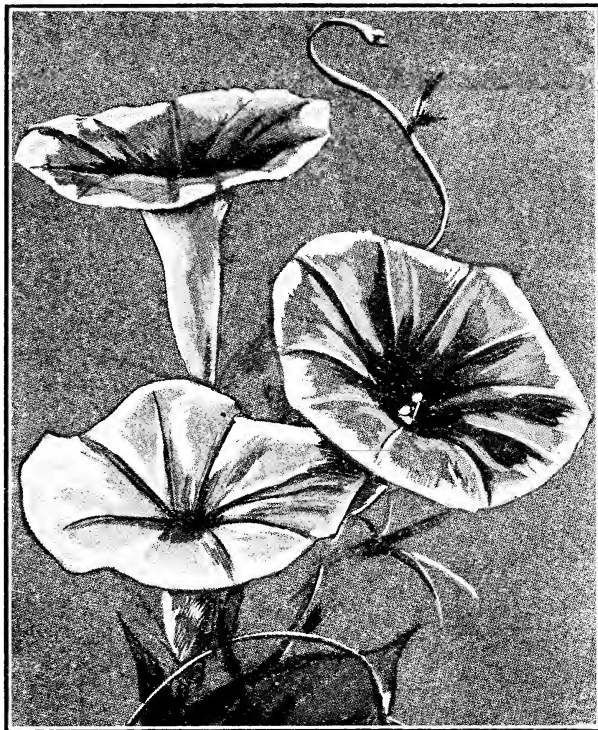
**ST. L. S. CO.'S EX. SELECT MACHET**—Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. Price: Pkt., 5c.

**RED GOLIATH**—The spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring ½-inch across and packed full, even in the center. Price: Pkt., 5c.

**LARGE FLOWERING**—Mixed. Price: Pkt., 5c; ½ Oz., 15c.



SAVE MONEY BY PLANTING OUR  
COLLECTIONS. SEE PAGE 51.



Morning Glory.

## MORNING GLORIES

**DOUBLE WHITE (SNOW-FAIRY)**—It grows as vigorously as the common Morning Glory, the vines quickly reaching a height of twelve to fifteen feet. It begins to bloom early and continues to flower freely without intermission until frost. The flowers appear like large, snow-white tassels, free from spots or blemish. Upon examination, however, it will be seen that there is a well-formed single white Morning Glory in the center, which is completely surrounded by numerous white petals, the whole forming a most unique and beautiful tassel-like blossom. Price: Pkt., 10c.

**ST. L. S. CO.'S NEW JAPANESE GIANT**—This exquisite new Morning Glory is without doubt the finest species ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers of this variety are of largest size, often three inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red. The foliage in some plants comes dark green. Price: Pkt., 15c; 2 Pkts. for 25c.

**IMPERIAL JAPANESE FRINGED**—The gorgeous colors of the Imperial Strain Morning Glory surpasses anything ever seen in these flowers. Petals are of a large size and blotched with magnificent colorings of different shades and tints. Without a doubt, Imperial Morning Glories equal the finest of their kind. Price: Pkt., 10c, Oz., 25c.

**SETOSA (Brazilian Morning Glory)**—Bears enormous rosy flowers with a pink satiny star. Price: Pkt., 5c.

**PINK.** Price: Pkt., 5c.

**FINE MIXED**—All colors. Price: Pkt., 5c; Oz., 10c.

## MOON FLOWER

**WHITE LARGE FLOWERING**—This greatly improved variety of the popular Moonflower Vine, produces much larger flowers and in greater profusion. If grown in well enriched soil in a warm sunny location and given sufficient water while making growth, the vine will attain a height of from 60 to 75 feet during the summer season, and be covered with large bluish green heart-shaped leaves, and will be studded from July until frost with immense saucer-shaped flowers from 7 to 8 inches across and as glistening white as disks of white satin. They are also softly fragrant. The flowers open about sunset and close the next morning, though on cloudy days they remain open until noon. The effect, particularly on moonlit nights, is entrancingly beautiful. Price: Pkt., 10c; Oz., 50c.

**BLUE (Ipomoea Bona Nox)**—Beautiful large violet flowers. Price: Pkt., 5c.

Plants ready April 25—Each, 25c; By express only.

## NEMOPHILA

**SPLENDID** free-flowering hardy annuals, of very neat, compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. Blossom continuously throughout the Summer, thriving best in a cool, or moist, shady place where the soil is not too rich. All colors mixed, with many shades of blue. Price: Pkt., 5c.

## NICOTIANA (Ornamental Tobacco)

**A BEAUTIFUL** hardy annual, fine for its sweet-scented flowers and ornamental leaves. h. A.

**AFFINIS**—An annual with sweet-scented, pure white star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. Price: Pkt., 5c.

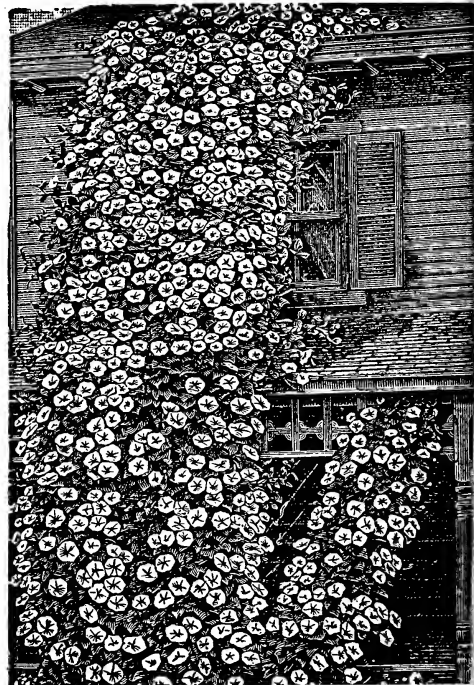
**NICOTIANA SANDERAE**—A Brazilian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2 feet. Price: Pkt., 5c.

## NIGELLA

(Love in a Mist or Devil in the Bush)

**A COMPACT** free-flowering plant with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. h. A.

**DAMASCENA**—The finest Nigella. Price: Pkt., 5c.



Moon Flower.

# NASTURTIUMS

## DWARF VARIETIES

**F**OR ease of culture, duration of bloom, brilliancy of coloring, and general excellence, nothing excels Nasturtiums. Few plants are more easily grown or remain longer in bloom than this with its large shield-shaped leaves and beautifully irregular flowers, having long spurs and brilliantly colored petals. In favorable soil flowers are produced in abundance throughout the season. Seed is usually sown outdoors as soon as the weather is warm and settled, in the row where the plants are to remain. Well pulverized soil preferably well drained and moderately rich, should be used and the seed covered with about one inch of fine soil firmly pressed down. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage, but few flowers. For earlier blooming, start indoors and transplant to the open ground after danger of frost is over. Much used for window boxes. Nasturtiums are usually free from insects of any kind.

## DWARF OR TOM THUMB VARIETIES

**T**HE DWARF NASTURTIIUMS will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely.

	Pkt.	Oz.
Aurora—Salmon-rose.....	\$0.05	\$0.15
Beauty—Light scarlet, splashed canary..	.05	.15
Cloth of Gold—Rich scarlet.....	.05	.15
Chameleon—Splashed crimson, bronze and yellow.....	.05	.15
Empress of India—Brilliant crimson; dark foliage.....	.05	.15
King Theodore—Scarlet-maroon; dark foliage.....	.05	.15
Golden King—Rich, golden yellow.....	.05	.15
Lady Bird—Orange-yellow; red spots.....	.05	.15
King of Tom Thumb—Scarlet.....	.05	.15
Pearl—Pure white.....	.05	.15
Regelianum—Deep, purplish-crimson.....	.05	.15
Ruby King—Light ruby-red.....	.05	.15
Vesuvius—Salmony rose, dark foliage.....	.05	.15
COLLECTION—1 Pkt. each of 10 of these varieties, (Our selection).....		.35

Shaw's Garden Hybrids.

## SHAW'S GARDEN HYBRIDS

**T**HE prettiest strain of Dwarf Nasturtiums—Worth ten times the price of the ordinary mixed. There's really no comparison in the beauty and color of the flowers. They are larger, produced in greater profusion, with longer stems, and in colors much more varied in the hundreds of beautiful shades not found in any other mixture.

We are confident that this will become the only Nasturtium mixture that will be sown by all our customers. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.75. Postpaid.

## TALL VARIEGATED-LEAVED

**T**HESE comparatively new varieties are equally thrifty and robust in growth and produce freely as beautiful flowers in various colors as the plain green-leaved Nasturtiums, with the added merit of ornamental foliage which renders them beautiful objects even out of flower. Fine for window-boxes and Rockery.

VARIEGATED-LEAVED—Mixed. Pkt., 5c; Oz., 15c.

## HYBRIDS OF MME. GUNTHER

**T**HE RICHEST STRAIN OF ALL—These new Hybrids make a strong growth, climbing about six feet and covered from Spring to Fall with large, substantial flowers of the most brilliant shades. Price: Pkt., 5c; Oz., 15c; 2 Oz., 25c; Lb., \$1.75. Postpaid.

## OENOTHERA.

(Evening Primrose)

**T**HESE are among our most beautiful plants for mixed garden beds and borders. They grow in branching from 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation. Mixed Annual Varieties. Price: Pkt., 5c.

## TALL OR CLIMBING VARIETIES

**E**LEGANT and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 8 feet.

	Pkt.	Oz.
Dark Crimson.....	\$0.05	\$0.15
King Theodore — Velvety dark crimson; dark foliage.....	.05	.15
Lucifer—Splendid scarlet, very dark.....	.05	.15
Pearl—Cream-white.....	.05	.15
Prince Henry—New, cream-color, spotted red.....	.05	.15
Schulzi—Scarlet.....	.05	.15
Vesuvius—An exquisite shade of salmon..	.05	.15

## SPECIAL COLLECTIONS

1 Pkt. each of Ten Dwarf Varieties, our Selection. Sent postpaid for.....\$0.35  
1 Pkt. each of Seven Tall Varieties. Sent postpaid for.....\$0.25

## PANSIES

### LARGEST FLOWERING VARIETIES.

**S**OW the seeds in drills, covering them not more than four times their diameter, and firming the soil well above them.

Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting pansy seeds for early Spring blooming.

**NEW EXHIBITION**—This wonderful Giant Pansy we offer as our leader. We challenge its equal from any seed house, grower or originator. The colorings of this Pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. Price: Pkt., 25c.

**ST. L. S. CO.'S "NONPAREIL" MIXTURE**—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture. The flowers are of large size and the plants grow more compactly bushy than other mixtures. We have the best mixtures of the European specialists who raise it. Price: Pkt., 20c.

**TRIMARDEAU GIANT MIXED**—Extra large flowers, but not of such perfect form as the Imperial Giant. Most of the flowers have three large blotches or spots. Price: Pkt., 10c.



St. L. S. Co.'s "Nonpareil" Mixture.

**BUGNOT'S GIANT MIXTURE**—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite coloring. Price: Pkt., 15c.

**CASSIER'S GIANT, MIXED**—One of the largest blotched varieties with petals of the finest coloring. Price: Pkt., 20c.

**MASTERPIECE**—This grand new giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. Price: Pkt., 15c.

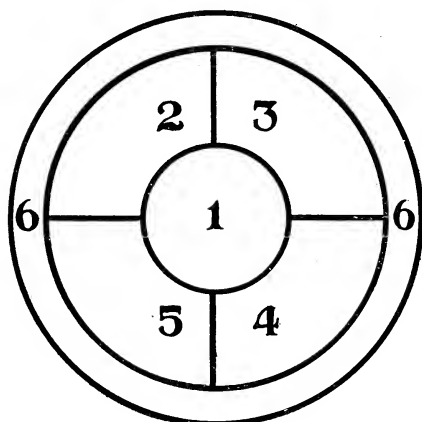
**IMPERIAL GIANT, MIXED**—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear, distinct eyes, striped flowers of striking beauty and vividly colored fancy varieties. Price: Pkt., 15c.

**FINE MIXED**—Price: Pkt., 5c; ½ Oz., 50c.

## SPECIAL OFFER TO PANSY LOVERS

**T**HIS diagram, when properly laid out as shown in illustration, and sown with the following named varieties as per their respective numberings, will produce one of the most striking sights obtainable in the floral world.

This collection will produce a bed 6 feet in diameter.



## SEPARATE COLORS

All Giant-Flowered Varieties.

No.	Color	Pkt.
No. 1.	Snowflake—White	\$0.10
No. 2.	Faust—Black	.10
No. 3.	Bronze	.10
No. 4.	Red	.10
No. 5.	Blue	.10
No. 6.	Gold Elsie—Pure yellow	.10

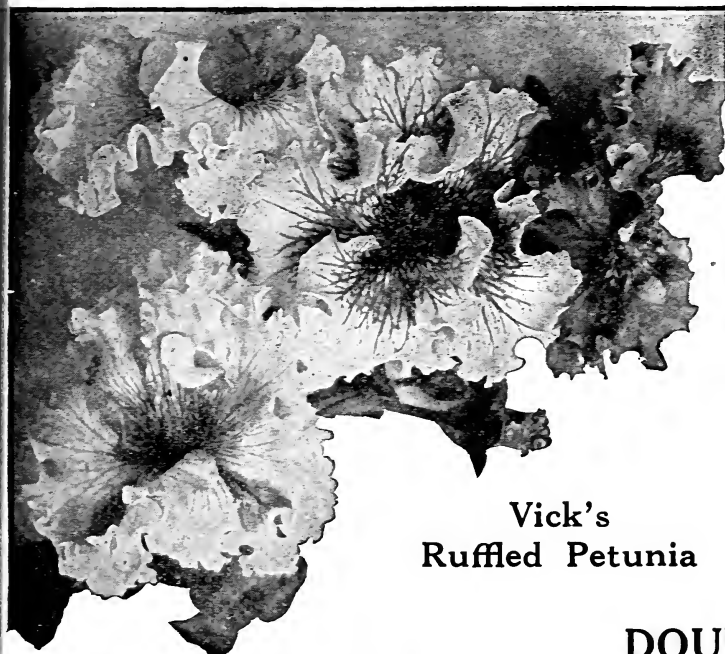
One each of the above varieties, to plant as shown in diagram, mailed postpaid for 50c.

**PANSY PLANTS READY APRIL 1st.**

Price: 12 Plants, 60c. (By Express Only.)

## PASSIFLORA (Passion Vine.)

**COERULEA**—Very popular for window decoration or sunny locations in the garden. Blue. 2-3. hh. P. 10 feet. Price: Pkt., 5c.



Vick's  
Ruffled Petunia

## PETUNIA

ONCE fairly started, Petunias grow almost as easily as weeds, and furnish a succession of bloom from early summer until frost.

For early flowering, the seed should be sown during March in shallow boxes of light soil under glass, in a temperature of about 65 degrees, covering the seed to a depth of four times their size, and press the surface firm with a board; water with a fine spray as needed. Transplant the seedlings when large enough to handle, especial care being taken to save and transplant the small and at first feeble growers, as they usually produce the finest flowers. For later succession of plants sow the seed in April in coldframe, or in the open ground when danger of frost is over.

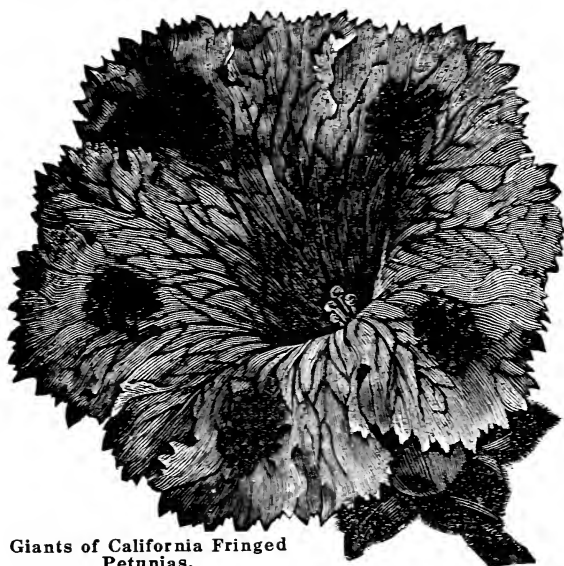
## VICK'S RUFFLED PETUNIA

FLOWERS of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled. Price: Pkt., 25c.

## DOUBLE LARGE FLOWERING PETUNIAS

IT IS well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers, of best colorings. It is best to sow Petunias indoors and transplant to the open in May. The Single Bedding kinds can be sown right out of doors in May.

DOUBLE LARGE-FLOWERING FRINGED, MIXED  
—Price: Pkt., 25c.



Giants of California Fringed  
Petunias.

**NEW DWARF FRINGED LARGE-FLOWERING**—This new dwarf race of Petunia is one of the most important novelties in flower seeds. The plants, though branching freely from the base, rarely exceed 8 inches in height and form dwarf compact little bushes which carry, well above the foliage, numerous large fringed-edge flowers of all the beautiful Petunia colors, including those blotched, throated and veined in varied combinations. Mixed. Price: Pkt., 25c.

**GIANTS OF CALIFORNIA**—The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter, and of an astonishing variety of colors. Price: Pkt., 15c.

**GENERAL DODDS**—A beautiful deep Red. Of compact growth covered completely with beautiful flowers one and one-half inches in diameter. Very desirable for beds or borders. Price: Pkt., 10c.

**Howard's Star**—A beautiful free-flowering strain, color crimson, maroon with a clearly-defined five pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. Price: Pkt., 10c.

**ROSY MORN**—Soft carmine pink with white throat; makes a very dainty and at the same time effective border. Price: Pkt., 10c.

**SNOWBALL**—A fine compact sort, producing its pure satiny-white flowers throughout the entire season. Price: Pkt., 10c.

**EXTRA CHOICE MIXED**—A very choice strain, partly made up from named large-flowering sorts, which will give the greatest variety of colors. Price: Pkt., 10c.

**DWARF MIXED**—Splendid dwarf varieties; large flowering. Price: Pkt., 10c.

**FINE MIXED**—Good bright colors. Price: Pkt., 5c; ½ Oz., 50c.

## PERENNIAL PEAS

**LATHYRUS LATIFOLIUS** (Perennial, or Everlasting Pea)—A hardy perennial climber, flowering the first year if seed is sown in the fall. Leaves and stems smooth. Flowers resemble sweet peas, but are borne on strong stems, with eight to ten blossoms to the stem.

	Pkt.		Pkt.
Pink.....	\$0.10	Red.....	\$0.10
White.....	.10	Mixed.....	.10

## PHLOX

**I**T OCCUPIES a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger of frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.

**LARGE FLOWERING**—This important strain is not only notable for variety and brilliancy of colors, but also for the perfection and size of flowers, which are very large and round, the petals overlapping each other.

Alba—Pure white. . . . . Pkt. \$0.10  
 Brilliant—Finest crimson. . . . . 10  
 Chamois-Rose—Shell-pink. . . . . 10  
 Large Flowering—Mixed. . . . . 10

**DWARF PHLOX**—This strain grows only 6 inches in height. Plants form round, compact bushes, and are thickly studded with bright, showy flowers, like the taller variety in all colors. Splendid for bedding, edging and pot culture. Price: Mixed, Pkt., 5c.

**STARRED AND FRINGED MIXED**—Very odd and pretty effect. Price: Pkt., 5c.  
**FINE MIXED**—Bright, showy flowers. Good for cutting. 1 foot. Price: Pkt., 5c; ½ Oz., 35c.

**HARDY PERENNIAL PHLOX**—Fine herbaceous perennial for beds or mixed borders. Mixed. Price: Pkt., 10c; ½ Oz., \$1.00.

## PENTSTEMON (Beard Tongue)

**H**IGHLY useful and attractive hardy perennial, and much used in the hardy border.

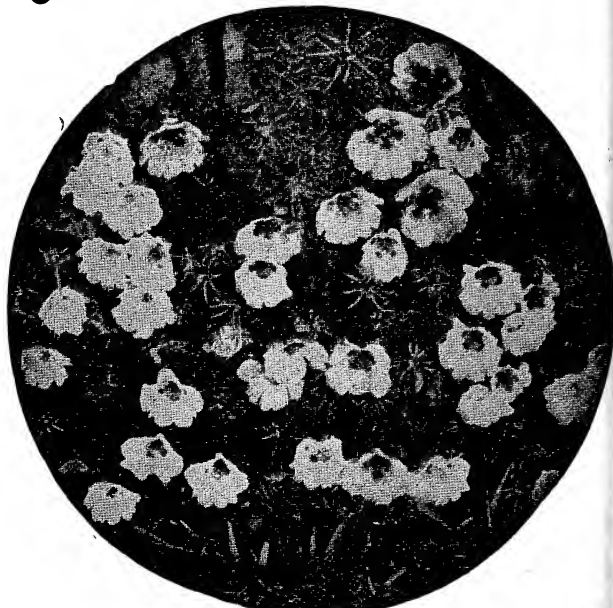
**GIANT FLOWERING MIXED**—As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. Price: Pkt., 10c.

## PERILLA

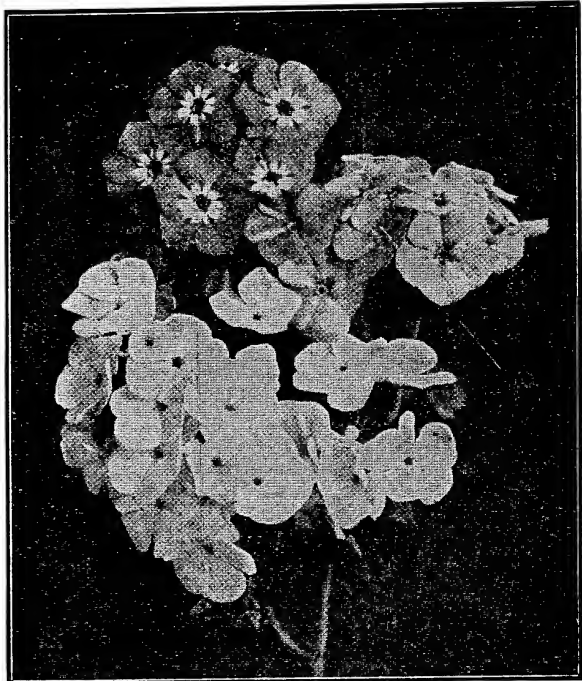
**L**ACINIATA—A beautiful showy plant. Highly prized for its foliage, producing leaves similar to the Coleus. 1 ½ ft. 2 hh. A. Price: Pkt., 5c.

## PHACELIA

**C**AMPANULARI—Flower a rich deep blue; height 1 to 2 feet. 2 h. A. Excellent for bees. Price: Pkt., 5c.



Portulaca.



Phlox.

## PHYSALIS

(Chinese Lantern Plant)

**F**RANCHETI—An ornamental variety of the Winter-Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. Price: Pkt., 5c.

## PLATYCODON (Wahlenbergia)

(Chinese Bell Flower)

**H**ARDY perennials, bearing large, broad, bell-shaped blue flowers; very handsome for garden decoration.

**GRANDIFLORUM**—Blue, very hardy. Height 2 feet. Price: Pkt., 5c.

**WHITE**—Price: Pkt., 5c.

## PORTULACA

**S**OMETIMES called Rose Moss. Few flowers make such a dazzling display of color in the bright sunshine as a bed of Portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc. Plants low growing or creeping with thick, fleshy stems tinged with red and small quill-shaped leaves. Desirable also for edgings. They are in bloom through a long season. Sow seed outdoors after weather is warm and settled where the plants are to stand in rows of one foot apart.

**LARGE FLOWERING, SINGLE MIXED**—Price: Pkt., 5c; Oz., 40c.

**DOUBLE FINE MIXED**—All colors mixed. Price: Pkt., 10c.

## POPPIES

**ANNUAL POPPIES** should be sown as early in the Spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results.

**ADMIRAL POPPY**—A single Paeony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a very striking contrast, and when planted in groups produce a magnificent effect. Price: Pkt., 5c.

**DANEBOG, OR DANISH CROSS**—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Price: Pkt., 5c.

**DOUBLE CARDINAL**—Round as a ball, red as fire. The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet of attractive brilliancy, and the long duration of its blooming period makes it a very desirable variety indeed. Height, 16 inches. h. A. Price: Pkt., 5c.

**DOUBLE CARNATION-FLOWERED**—Large, showy flowers. 2 feet. h. A. Mixed. Price: Pkt., 5c; ½ Oz., 15c.

**SHIRLEY-MIXED**—This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. h. A. Price: Pkt., 5c; ½ Oz., 20c.

**TULIP FLOWERED SCARLET**—Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1 foot. h. A. Price: Pkt., 5c.

## HARDY PERENNIAL POPPIES

**ORIENTAL POPPIES** should be sown in early Spring in the open ground as soon as it is fit to work.

**ICELAND MIXED**—White, salmon, rose and orange, with yellow stamens. Petals delicately fringed. Dwarf. h. P. Price: Pkt., 10c.

**ORIENTAL HYBRIDS**—Large, showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. h. P. About 2 ½ feet. Price: Pkt., 10c.



Poppy—Carnation Flowered.

## PRIMULA

(Primrose)

**OBCONICA GRANDIFLORA**—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. h. P. Price: Pkt., 10c.

**MALACOIDES**—Best for florists. A fine house plant; flowers delicate lilac. Price: Pkt., 15c.

**CHINENSIS (Chinese Primrose)**—The culture of these lovely flowers is much easier than most people think. Our mixture includes all the choicest colors of the single flowering Primulas in all their dainty shadings. Large flowering and fern-leaved mixed. Price: Pkt., 25c.

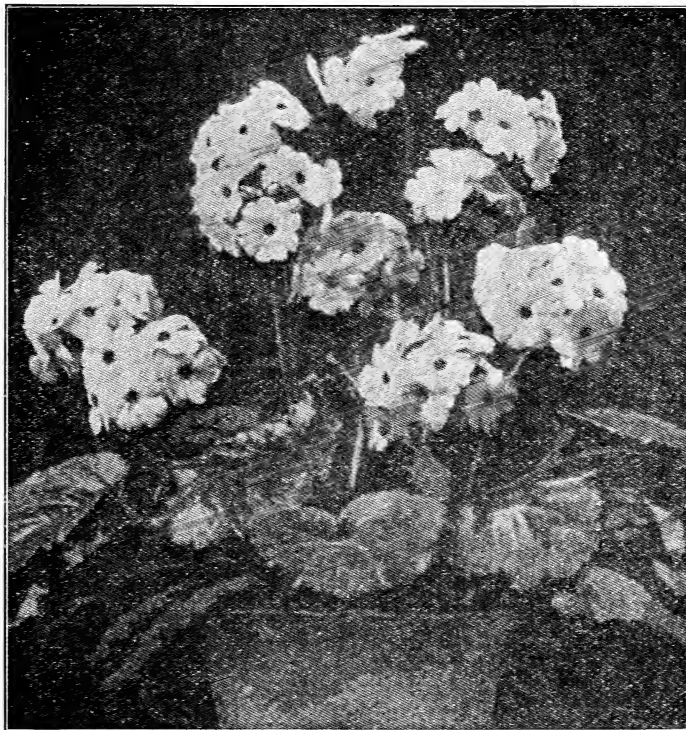
## HARDY PRIMROSES

**THESE** are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

**AURICULA**—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. Price: Pkt., 10c.

**VULGARIS (English Primrose)**—Canary-yellow, fragrant. Price: Pkt., 10c.

**POLYANTHUS VERIS**—Showy, early Spring, free-flowering plants; fine for either pot or outdoor culture; hardy perennials; 9 inches. Price: Pkt., 10c.



Primula.



Ricinus or Castor Oil Plant.

## POTENTILLA

(Flowering Strawberry)

**A** BEAUTIFUL border plant; flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border and naturalizing effect. 1 ft. h. P. Double sorts mixed. Price: Pkt., 10c.

## PYRETHRUM

(Feverfew) 2, 3, h. A.

**R**OSEUM GRANDIFLORUM SINGLE MIXED—Flowers of enormous size, ranging in color from light pink and rose to deep. carmine. Price: Pkt., 10c.

**AUREUM** (Golden Feather)—Yellow foliage. Price: Pkt., 5c.

## RICINUS (Castor Oil Bean)

**O**RNAMENTAL plants of stately growth and picturesque foliage, with brilliant colored fruit, producing subtropical effect; fine for massing or center plants for beds.

**SANGUINEUS**—Blood-red stalks and clusters of red fruit; 8 feet. Price: Pkt., 5c; Oz., 15c.

**ZANZIBARIENSIS**—Surpasses all in size and beauty of colors, which include glaucous-green, coppery brown, metallic red, brownish purple, red maroon and bronze; 8 to 10 feet. Price: Pkt., 5c; Oz., 15c.

**BORBONIENSIS ARBOREUS**—The tallest of the Ricinus family. 15 feet. Price: Pkt., 5c; Oz., 15c.

**CAMBODGENSIS**—A beautiful black-leaved specie, a handsome foliage. Price: Pkt., 5c; Oz., 15c.

**GIBSONI**—Purplish leaves and stems. 6 feet. Price: Pkt., 5c; Oz., 15c.

**MIXED SORTS**—Price: Pkt., 5c; Oz., 15c.

**COMMON CASTOR BEAN**—Price: Pkt., 5c; ¼ lb., 15c.

## RHODANTHE (Everlasting)

**M**IXED—Fine for outside border, or for greenhouse flowering during the Winter. Price: Pkt., 5c.

## RUDBECKIA (Golden Glow)

(Cone Flower)

**A**N EFFECTIVE, hardy, perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. Price: Pkt., 5c.

## SALPIGLOSSIS

(Painted Tongue)

**A**S POT plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed. 2-3. H. H. A. **LARGE FLOWERING (Painted Tongue)**—Yellow, rose, scarlet, light blue, purplish violet mixed. Price: Pkt., 5c.

## SALVIA

(Flowering Sage) H. H. A.

**O**NE of our most handsome summer and autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations. Half-hardy perennial.

**ST. LOUIS**—This is one of the finest of the Scarlet Sages, growing on a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Seed can be sown outdoors after danger from frost is past. Price: Pkt., 15c; 2 Pkts. for 25c.

**BONFIRE**—Our well-known compact Salvia—the freest blooming of all, seemingly on fire all the time with dense flaming scarlet spikes. 2 ½ feet. Price: Pkt., 10c.

**FIREBALL**—The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. Price: Pkt., 15c.

**ZURICH**—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort and among the most brilliantly colored of garden flowers and extremely useful for bedding. Price: Pkt., 15c.

**PATENS (Blue Sage)**—A much improved strain of the Salvia. It forms a globular, strong branching bush of from 2 to 3 feet high. Price: Pkt., 10c.

**SPLENDEN'S GRANDIFLORA, SCARLET**—A rich-flowered bedder. 3 feet. Price: Pkt., 5c.



Salvia St. Louis.



## SCABIOSA

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, Etc.)

**F**IRM favorites with many of our customers. Seed can be sown any time in the Spring after danger of frost is past.

They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer six colors as below:

	Pkt.		Pkt.
Crimson.....	\$0.05	Lavender.....	\$0.05
Black-Purple.....	.05	Snowball.....	.05
Rose.....	.05	Mixed.....	.05

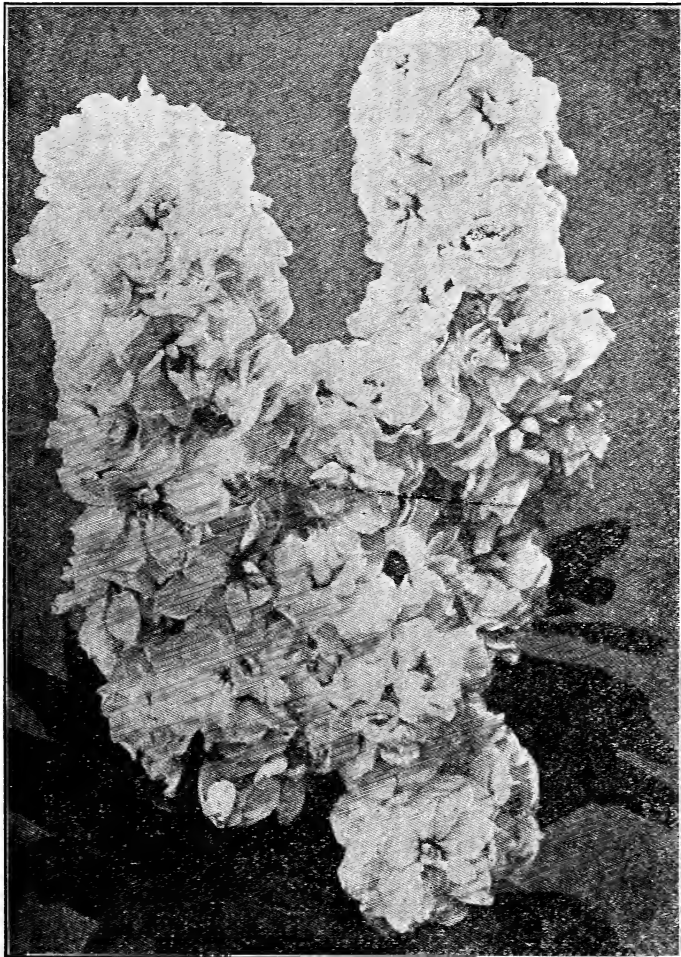
**CAUCASICA (Blue Bonnet)**—One of the most handsome of hardy perennials, especially valuable for cutting, the blooms lasting along time in water; lilac-blue; 3 feet. Price: Pkt., 10c.

**CAUCASICA (White)**—Price: Pkt., 10c.

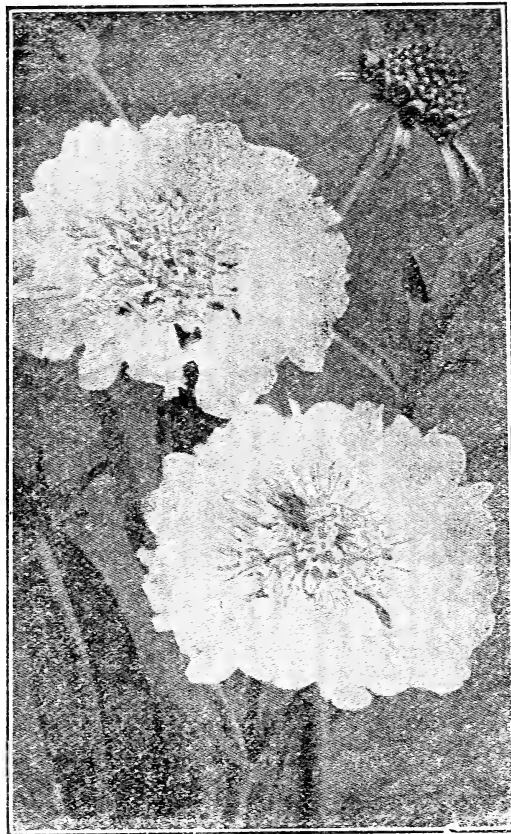
## SCHIZANTHUS

(Butterfly or Fringe Flower.)

**LARGE-FLOWERED MIXED**—As pretty as miniature Orchids. Exceedingly profuse bloomers. Forming compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of color. Price: Pkt., 5c.



Stocks.



Scabiosa.

## STOCKS

Large Flowering—10- Week.

**A** MAGNIFICENT, recently developed strain of early-flowering Stocks, forming much-branched plants about 2 feet high, and having numerous spikes of very large, double, delightfully fragrant flowers.

	Pkt.		Pkt.
Light Blue.....	\$0.10	White.....	\$0.10
Canary Yellow....	.10	Rose.....	.10
Red.....	.10	Mixed.....	.10
Purple.....	.10		

Collection of a packet each of the six colors, 40c.

## CUT-AND-COME-AGAIN

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce.

	Pkt.
Princess Alice—White.....	\$0.10
LaFrance. Rose.....	.10
Brilliant. Blood-red.....	.10
Sapphire—Dark blue.....	.10
Creole—Creamy yellow.....	.10
May Queen—Delicate Lilac.....	.10
Finest Mixed—All colors.....	.10

**DOUBLE FINE MIXED**—The best for outdoor planting. Price: Pkt., 5c.

**WINTER OR BROMTOM MIXED**—Remove the plants indoors for Winter blooming. Price: Pkt., 15c.



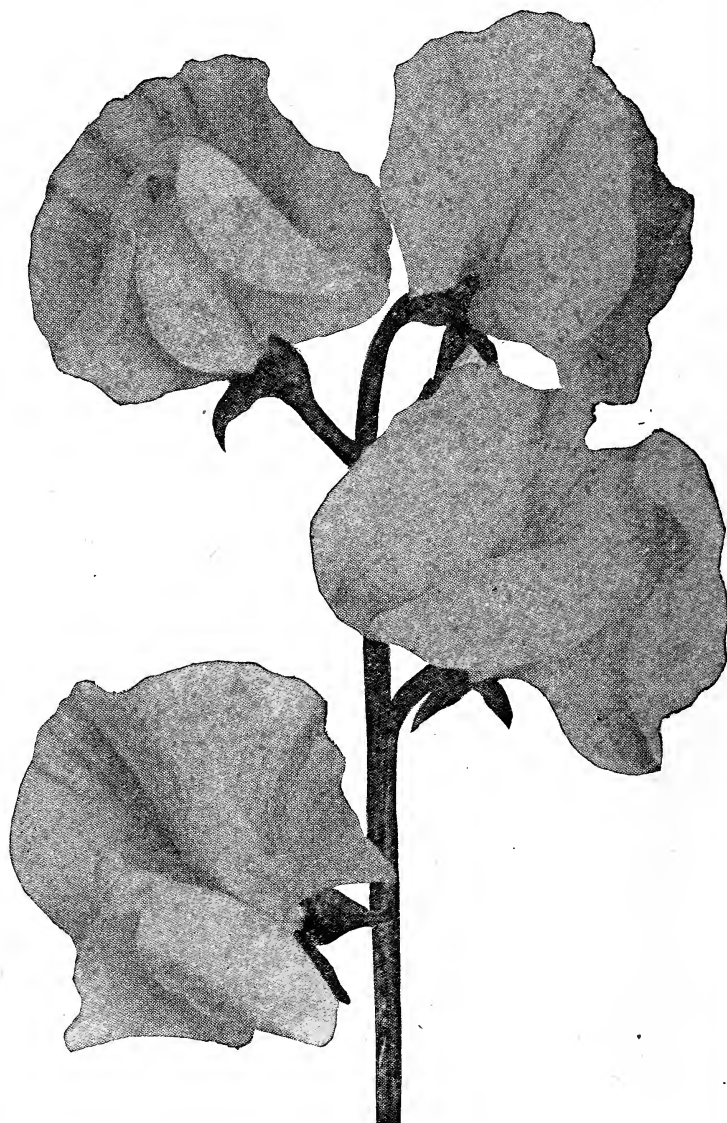
# ST. LOUIS SEED COMPANY'S SPENCER OR BUTTERFLY SWEET PEAS

Our Spencer Sweet Peas are carefully grown by experienced men from selected Stock Seed, and better seed cannot be grown in this country than the stocks supplied by St. Louis Seed Co.; send us your order and try them yourself.

**T**HE Spencer Waved Sweet Pea is a distinct advance in the development of the Sweet Pea. No modern garden is complete without this grand type. The chief characteristic of the Spencer Sweet Peas is their robust growth, plants frequently attaining a height of 6 to 10 feet, requiring a foot of space in the row for each plant to fully develop. The flowers are gracefully formed; both standard and wings are larger than in the Grandiflora type, flowers often measure 2 to 2½ inches in diameter and are borne on stems 18 inches long, with four blooms. We have listed below all varieties of the Spencers that we catalogue.

**CULTURE OF SWEET PEAS**—One of the methods which has been followed with excellent results. The soil for Sweet Peas should be rich and deep loam with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Peas may be sown in single or double rows, but care should be taken not to sow too thickly.

	Price	
	Pkt.	Oz.
<b>AFTERGLOW</b> — Bright violet standards shaded rosy amethyst, wings paler blue; waved. . . . .	\$0.10	\$0.25
<b>APPLE BLOSSOM SPENCER</b> — Standard rose, wings light carmine. . . . .	.10	.25
<b>ASTA OHN SPENCER</b> — Soft pinkish lavender. . . . .	.10	.25
<b>AURORA SPENCER</b> — White ground, striped and flaked orange-pink. . . . .	.10	.25
<b>BLANCHE FERRY SPENCER</b> — Standards rose, wings white. . . . .	.10	.25
<b>CONSTANCE HINTON</b> — This is decidedly the best black-seeded, white-flowered variety in cultivation. The flowers are of largest size, best Spencer form, and usually produce in fours on long stout stems. . . . .	.10	.25
<b>COUNTRESS SPENCER</b> — Bright shade of pink. . . . .	.10	.25
<b>DAINTY</b> — White ground, with beautiful picotee edge of rose pink, splendid form. . . . .	.10	.25
<b>DOBBIE'S CREAM</b> — Deep cream or primrose colored, nicely waved flowers. . . . .	.10	.25
<b>FLORA NORTON SPENCER</b> — Bright blue, slight purple tint. . . . .	.10	.25
<b>FLORENCE NIGHTINGALE</b> — The color is of a charmingly soft, clear rich lavender, which is enlivened by a very faint sheen of rose-pink. . . . .	.10	.25
<b>FIERY CROSS</b> — Intense orange scarlet. . . . .	.10	.25
<b>HELEN LEWIS SPENCER</b> — Fine orange-salmon-pink. . . . .	.10	.25
<b>HERCULES SPENCER</b> — Might well be described as a giant or larger Countess Spencer. . . . .	.10	.25
<b>ILLUMINATOR SPENCER</b> — A very pleasing color; ground of salmon, orange with rich bright cerise-pink. Flowers of excellent texture and size. A beautiful new creation. . . . .	.10	.25
<b>KING EDWARD SPENCER</b> — A pure red Spencer. Special strain. . . . .	.10	.25
<b>KING WHITE SPENCER</b> — The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest of the finest frilled type. . . . .	.10	.25
<b>MARGARET MADISON SPENCER</b> — A self-colored clear azure-blue; exquisite. . . . .	.10	.25

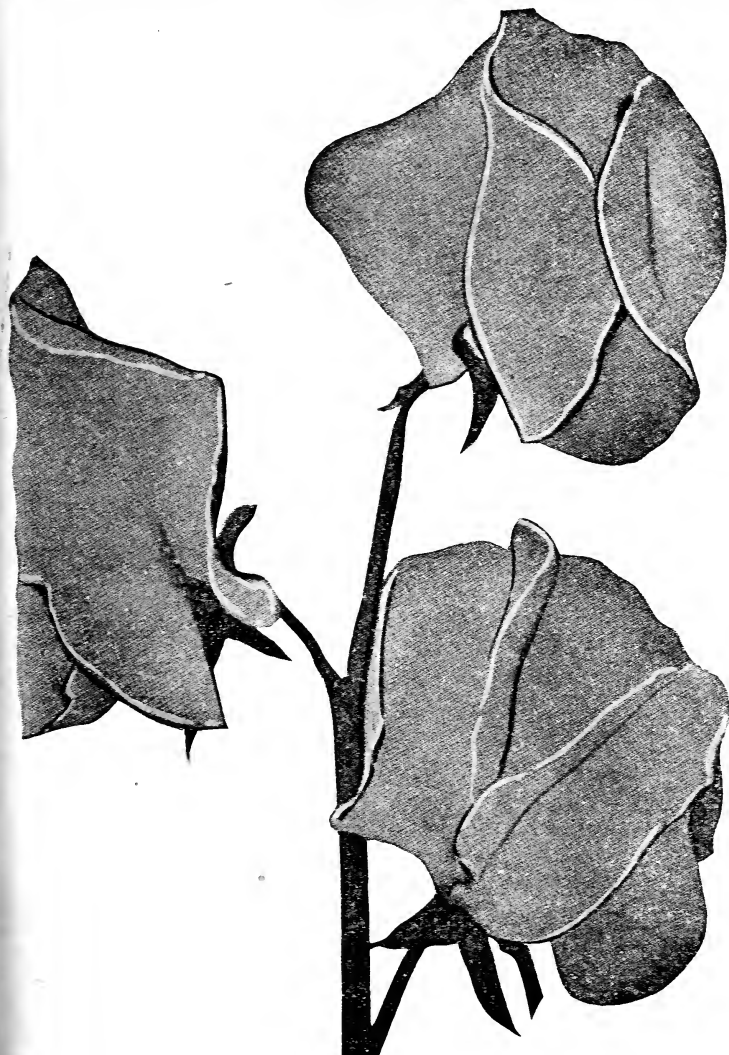


	Price	Pkt.	Oz.
<b>PRINCE OF WALES</b> —The wings are a pure rich rose-crimson, while the standard shows a tint of cherry-red. The whole effect is that of a brilliant crimson—clear and most beautiful.....	\$0.10		\$0.25
<b>MARGARET ATLEE</b> —Rich glowing pink on cream ground softly suffused with salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon.....	.10		.25
<b>MRS. CUTHBERTSON SPENCER</b> —Standard clear rose-pink, wings white, with faint blush of pink.....	.10		.25
<b>OTHELLO</b> —Of immense size, rich maroon.....	.10		.25
<b>PRIMROSE SPENCER</b> —The finest of its class, clear primrose color, fine large wavy standard and wings white seeded.....	.10		.25
<b>ROSABELLE SPENCER</b> —Attractive; rose-crimson color with a distinct white blotch at the base of the standard and wings; perfect form; very much waved.....	.10		.25

	Price	Pkt.	Oz.
<b>ROYAL PURPLE SPENCER</b> —A new shade in Sweet Peas, a rich purple and almost a true royal purple. The same shade does not exist in the grandiflora type.....	\$0.10		\$0.25
<b>THE PRESIDENT</b> —The flowers are large size, it is a brilliant glowing scarlet.....	.10		.25
<b>TENNANT SPENCER</b> —A curious purplish mauve.....	.10		.25
<b>WHITE SPENCER</b> —Splendid uniform white.....	.10		.25
<b>WEDGEWOOD SPENCER</b> —Producing usually four flowers to a stem, of unique shade of Wedgewood blue, and the finest Spencer form.....	.10		.25
<b>ST. L. S. CO. SPENCER MIXTURE</b> —These include the best of the "Spencer" varieties introduced previously to this year and also entirely new shades.....	.10		.15
¼ Lb., 50c; 1 Lb., \$1.75.			

## ST. L. S. CO.'S "NOVELTY" COLLECTION

The greatest bargain ever offered in Sweet Peas. Ten big packets of the famous Spencer Varieties and Cultural Leaflet on Growing Sweet Peas mailed, postpaid for 50c.



### SELECT UNWIN SWEET PEAS

**A**LTHOUGH of distinct origin, Gladys Unwin is nearly of the same type as the Countess Spencer, but the flowers are not so large. These seedling varieties resemble the parent and generally come uniformly waved and fluted.

**NORA UNWIN**—Beautiful, large white; three flowers frequently come to the stem. Price: Pkt., 10c; Oz., 20c.

**FRANK DOLBY**—A lovely light lavender-blue; one of the best in its color; bold, wavy standard and widely spreading wings. Price: Pkt., 10c; Oz., 20c.

**GLADYS UNWIN**—A bold flower with a striking, upright standard which is crinkled and waved; broad wings. Of a lovely light pink. Price: Pkt., 10c; Oz., 20c.

### GRANDIFLORA SWEET PEAS

	Pkt.	Oz.
Blanche Ferry—Pink and White	\$0.05	\$0.10
Dorothy Eckford—Pure White..	.05	.10
Hon. Mrs. Kenyon—Yellow....	.05	.10
Lady G. Hamilton—Light Lavender.....	.05	.10
Othello—Maroon.....	.05	.10
Superb Mixed—All colors.....	.05	.10
¼ Lb., 35c; 1 Lb., \$1.25.		

### CUPID VARIETIES

**C**OMPACT, dwarf plants, 7 inches high, covering a circumference of about 18 inches, covering the ground like verbenas. Fine for low beds and pot culture.

**MIXED**—Different colors. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c.

### SWEET PEA COLLECTION

Of Grandiflora Varieties.

**E**LEVEN (11) Packets; each Packet a separate color of the best varieties. This enables you to have all colors which you can plant as you wish. A circular is enclosed with this collection on how to plant and grow them. Price, 25c.

## SENSITIVE PLANT

(*Minosa Pudica*)

**A** CURIOUS and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1½ feet. The favorite variety. 2-3; t. A. Price: Pkt., 5c.

## SILENE (Catchfly)

**A** N EFFECTIVE garden annual, forming compact, round bushes, 6 inches high, which during the Summer, are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. Mixed colors. Price: Pkt., 5c.

## SMILAX

(*Myrsiphyllum Asparagoides*)

**I** N MANY respects the smilax is the most useful, and it is certainly one of the most graceful climbers. Price: Pkt., 5c.

## SOLANUM (Jerusalem Cherry)

**T** HIS is a very useful pot plant for Winter decoration. It is of the dwarf branching habit; leaves small and oval shaped, bearing in the greatest profusion bright, scarlet, globular berries. Very ornamental. 1 foot. 2-3. t. A.

**CAPSICASTRUM NANUM**—A beautiful decorative variety. Price: Pkt., 5c.

## STOKESIA (Corn Flower Aster)

**H** IGHLY valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

**CYANEA (Blue)**—The earliest and best sort. h. P. Price: Pkt., 10c.

**CYANEA (White)**—Price: Pkt., 10c.

## SUNFLOWER (*Helianthus*)

**F** AR superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge. h. A.

**GOLDEN BALL**—A beautiful large double variety. Price: Pkt., 5c.

**DWARF DOUBLE**—Similar to the above variety, only of a dwarf nature with variegated leaves. Price: Pkt., 5c.

**DOUBLE CALIFORNIA**—A beautiful large golden double variety. Price: Pkt., 5c.

## SINGLE FLOWERING SORTS

**T** HE single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in summer and keep up a constant supply of flowers until cut down by frost.

**NEW RED SUNFLOWER**—This New Sunflower, we believe it to be a novelty of real merit, and feel sure it will come into general use. Planted a border or in front of taller shrubbery or along a wall, they are very showy. The flowers, if cut just after they open and placed in water will last fully a week. The long, slender stems, the graceful poise of the flowers, with their varied coloring, make them very effective and desirable. Price: Pkt., 10c; 3 Pkts. for 25c.

**ORION**—Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. Price: Pkt., 5c.

**STELLA (Improved Miniature Sunflower)**—Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. Price: Pkt., 5c.

## SWEET ROCKET (*Hesperis*)

**O** LD-FASHIONED garden plant, and among the most desirable of hardy flowers; grows from 2 to 3 feet high. h. P. Fine mixed. Price: Pkt., 5c.

## SWEET WILLIAM (*Dianthus barbatus*)

**E** XTENSIVELY used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting.

**FINEST SINGLE MIXED**—Price: Pkt., 5c; ½ Oz., 25c.

**DOUBLE MIXED**—This mixture contains the finest colors. Impossible to find anything that can compare with it. Price: Pkt., 10c.

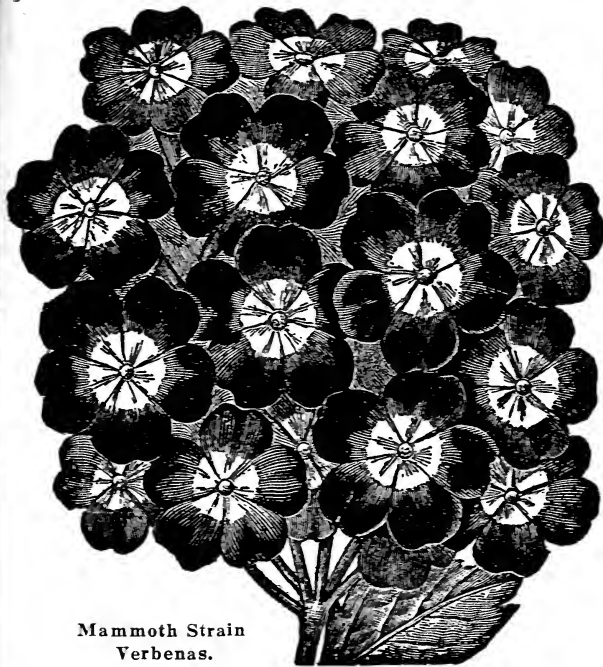
**NEW ANNUAL**—The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early Summer from Spring-sown seed and continues in flower for several weeks. Mixed. Price: Pkt., 10c.

## STATICE

**S** UWOROWI—H. P. Long panicles of small, light rose flowers, which if dried make nice Winter bouquets. Price: Pkt., 5c.



Red Sunflower.



Mammoth Strain  
Verbenas.

## VINCA

(Madagascar Periwinkle)

**T**HE Vincas are among our most satisfactory bedding plants; they are very ornamental and bloom freely from early Summer until destroyed by frost. In the fall they can be potted for the house, and kept in bloom through the winter. t. P.

ROSEA—Fine rose color	Pkt. \$0.05
ROSEA ALBA—White, rosy eye	.05
ALBA PURA—Clear, pure white	.05
ALL COLORS, MIXED	.05

## VIOLETS

(Sweet Scented)

**V**IOLA ODORATO (Semperflorens)—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. h. P. Price: Pkt., 10c.

## VIRGINIA STOCK

**C**HARMING dwarf annuals, with bright-colored flowers, making the garden gay in early summer. ½ foot. h. A. MIXED—Price: Pkt., 5c.

## VISCARIA

**V**ERY free-blooming annuals, closely allied to the Lychnis; foot high, flowers, single, pink.

**MIXED**—Containing about six different colors, some with dark eyes. Price: Pkt., 5c.

## WAHLENBERGIA

See Platycodon—Page 76.

## WALL FLOWER

**A** BEAUTIFUL hardy perennial of exquisite coloring, producing long, showy spikes in abundance. h. P.

**EXTRA EARLY PARISIAN**—Blooms in August and continues until checked by frost; magnificent golden yellow single flowers on long spikes; deliciously fragrant. Price: Pkt., 5c.

**DOUBLE MIXED**—Price: Pkt., 10c.

**SINGLE MIXED**—1 foot. Price: Pkt., 5c.

## THUNBERGIA

**MIXED** (Blackeyed Susan)—Handsome foliage and flowers. Used for a screen or basket. 1-2. hh. A. 6 ft. Price: Pkt., 5c.

## VERBENA (hh. P.)

**O**NE of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flower, producing one mass of blooms throughout the Summer.

## ST. LOUIS SEED CO.'S MAMMOTH VERBENAS

**W**E HAVE been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

ST. L. SEED CO.'S MAMMOTH—	Pkt.
Scarlet	\$0.10
Blue Shades	.10
Pink—Deep pink	.10
White—Pure white	.10
Purple Mantle	.10
Mixed—Finest colors	.10

**GREAT FLORAL CLOCK MIXTURE**—This splendid new variety is a very dwarf, compact growing Bush-Verbena, with large trusses of all fine colored flowers, in shades previously unknown in this class. Excellent for dwarf beds and borders. Price: Pkt., 15c.

**FINE MIXED**—All in good colors. Price: Pkt., 5c; 1 Oz., 50c.



Great Floral  
Clock Mixture.



Woolflower—Chinese.

## ZINNIA

**T**HE plants form handsome little bushes about 15 inches high, and fairly bristle with tiny, short stemmed, very double flowers, easily exceeding a Daisy flower in size. They are exceedingly pretty plants and bloom all summer long and until late in the fall. 1½ to 2 feet. h. A.

## ST. LOUIS SEED CO.'S GIANT DOUBLE ZINNIAS

**A** SPECIAL strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring 5 to 6 inches across being not unusual. Plants are of extremely robust habit attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early Summer to late Autumn. We offer six new varieties.

	Pkt.
Mammoth Double Purple.....	\$0.10
Mammoth Double Scarlet. Very bright.....	.10
Mammoth Double Red.....	.10
Mammoth Double White.....	.10
Mammoth Double Golden Yellow.....	.10
Mammoth Double Pink.....	.10
Mammoth Double Mixed All Colors, ½ Oz., 50c	.10

**ELEGANT'S DOUBLE**—This we consider the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing perfect double-flowers as large as the taller-growing sorts. Mixed. Price: Pkt., 5c; ½ Oz., 25c.

**ZEBRA DOUBLE MIXED**—A very pretty strain of striped flowers. Price: Pkt., 5c.

**DOUBLE LILIPUT MIXED**—Smaller than the ordinary Zinnia, long stiff stems. Valuable for bouquets. Price: Pkt., 5c.

**CURLED AND CRESTED**—Large, double flowers, with petals twisted, curled and crested into the most fantastic and graceful forms. Usual range of colors. Price: Pkt., 10c.

**DWARF DOUBLE MIXED**—Price: Pkt., 5c; ½ Oz., 25c.

## WILD CUCUMBER

A Rapid climber and free bloomer. Price: Pkt., 5c.

## WOOLFLOWER—CHINESE

**T**HIS novelty was introduced last year and has proved a great success everywhere. There is not the slightest doubt but that it is the most magnificent garden annual ever introduced. Its ease of culture and long continued season of bloom, (early July until frost), together with its massive bunches of wool-like flowers and glowing color combine to make it the showiest as well as the most odd and novel flower of most any garden.

Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool, but not so large as the central one. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way, until hit by frost; but all continue to expand and glow with a deepening richness of color, a deep crimson scarlet.

Start seed, if convenient, under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed-beds, they will begin to set bloom, which is not desirable. Transplant to the garden as soon as danger of frost is past. Price: Pkt., 10c; 3 for 25c.

## WILD GARDEN FLOWER SEED

**U**NDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Price: Pkt., 5c; ½ Oz., 15c.



Giant Mixed Zinnia.

# HARDY EVERBLOOMING FIELD-GROWN ROSES

Our Hardy Dormant Roses are ready for delivery from the first of March until the fifteenth of April.

**T**HIS class of Roses are continuous bloomers the entire Summer, but are not entirely hardy in this section, and should be protected during the Winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect around the roots with 5 to 6 inches of well-rotted manure. This will give added strength to the plants, and additional bloom the following Summer.

**SOIL**—Roses delight in a clay loam, enriched with well-rotted barnyard manure. Dig up the soil thoroughly to a depth of 12 to 15 inches, pulverize well; do not raise beds above the level of the surrounding soil. Soak the bed occasionally during the summer with weak manure water.

**EUGENE MARLITT**—One of the greatest garden Roses, wonderfully strong growing, making a sturdy bush about four feet high; bears enormous clusters of large full double crimson flowers.

**GEN. JACQUEMINOT**—An old favorite. It is superb in bud, and its large flowers are bright scarlet-crimson, but not very double. Blooms quite freely in Autumn.

**GRUSS AN TEPLITZ**—This grand Rose has proved one of the best and most valuable Hardy Crimson Ever-blooming Roses for garden planting. The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. The flowers on well grown and established plants are large and full, very showy and handsome.

**LAURENT CARLE**—Produces its large, deliciously-scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower and hardy.

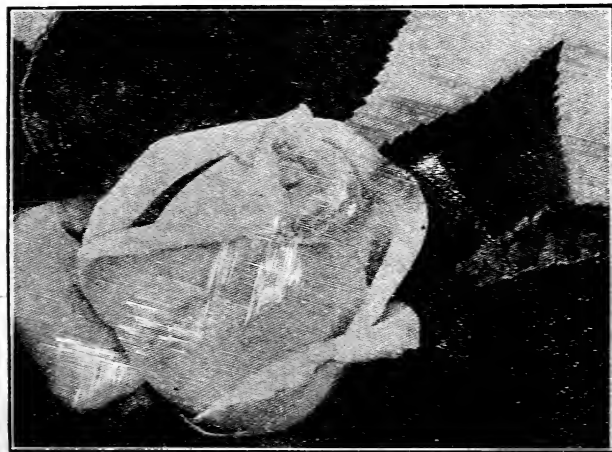
**METEOR**—Dark velvety crimson, shaded maroon. Free growing and vigorous for its color, it is remarkably constant in blooming, every new shoot producing a flower. The buds are well formed, the fragrance is delightful.

**RADIANCE**—An American Rose and a good one. The large, finely formed flowers are crimson rose and very brilliant. A free and constant bloomer and a sturdy growing plant. A splendid forcing Rose and a superb variety for the garden.

**ROBINHOOD**—A remarkably fine Hybrid Tea Rose. A vigorous grower, bearing a profusion of large, full, crimson flowers, very fragrant and lasting.



Clothilde Soupert.



Pink Cochet.

**ULRICH BRUNNER**—Flowers of very large size, brilliant cherry red, beautiful form and richly fragrant. Esteemed by many as the finest of all hardy red roses.

**ALEXANDER HILL GRAY**—This is the best yellow bedder to date. Color lemon yellow, buds and blooms very double.

**MRS. AARON WARD**—Very distinct, coppery orange in the bud, golden orange when partly developed, and pinkish fawn when fully opened. Flowers splendid in form, always blooming; magnificent foliage.

**MME. MELANIE SOUPERT**—For delicacy in coloring it would be difficult to surpass this magnificent semi-double large flowered variety which is especially fine in the bud form, in color a charming pale tint of salmon-yellow with pink and carmine suffusion.

**HELENA CAMBIER**—The coloring of the flowers is very rich, a marvelously rich shade of chrome yellow. The expanded flower is full, large and globular.

Price: 60c Each; \$7.00 a Dozen.

## HARDY EVERBLOOMING ROSES

**CAROLINE TESTOUT**—One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter center; very free and fragrant.

**CLOTHILDE SOUPERT**—Here we have a rose that for bedding out doors or for pot culture is hard to beat. Frequently the entire foliage is hidden with bloom. Medium-size flower, variable color, from almost pure white to deep pink. Always in bloom.

**J. L. MOCK**—A lovely rose, especially when in bud; when in bloom, it is full and still handsome. The color is glowing, intense pink and the fragrance is delightful.

**MAGNA CHARTA**—This grand old favorite has not been superseded by any variety in its class of this color. Bright, deep pink. One of the hardiest and finest of all garden Roses; large and attractive. Hardy and healthy.

**PINK MAMAN COCHET**—Called by some the Queen of all Pink Garden Roses, as it is one of the handsomest in our whole list. Its large, full and firm buds show wonderful depth and richness of color as they open into very large, perfectly double flowers of splendid substance. A clear, rich pink, changing to silvery rose.

**PAUL NEYRON**—Flowers of immense size, often five inches in diameter. Color deep clear rose, very fresh and pretty. The plant is a strong, healthy grower, with glossy foliage.

Price: 60c Each; \$7.00 a Dozen.

**W. M. NOTTING HYBRID TEA**—Also known as "Indiana." Blooms are very large, full and double, and of a perfect formation. Color a bright rosy cerise with a deeper center and delightfully fragrant. Hardy and everblooming. A truly great Rose.

**WELLISLEY**—A superb clear bright pink rose. The flowers are of great size, very full and double; very profuse bloomer.

**WILLIAM SHEAN**—Pure pink in color with shell-shaped petals of good substance, 4 inches long; a glorious Rose of immense size and perfect form and substance.

**KAISERIN AUGUSTA VICTORIA**—A splendid white rose, with large, long pearly white buds; slightly tinted with lemon. The flowers are large and full and are held on long, strong stems. It is a strong grower and has excellent foliage.

**WHITE MAMAN COCHET**—A duplicate of its parent, the well known and justly popular Maman Cochet, except in the color of its flowers, which are creamy white tinged on the edge of the petals with pink. The finest white rose for growing out of doors.

## HARDY CLIMBING ROSES

Weight of Climbing Roses about 2 Lbs. Each.

**DESIRABLE** for covering trellises, walls or porches, as they succeed under any circumstances. Perfectly hardy, blooming in clusters of medium sized flowers.

**CRIMSON RAMBLER**—Have you a fence or tree stump to cover, or a veranda or trellis? Try a Climbing Rose—there's nothing better for covering it and nothing prettier. None is more popular than the **Crimson Rambler**. It makes vines 10 to 12 feet high after the first year, and a mass of flowers. Price: Each, 60c.

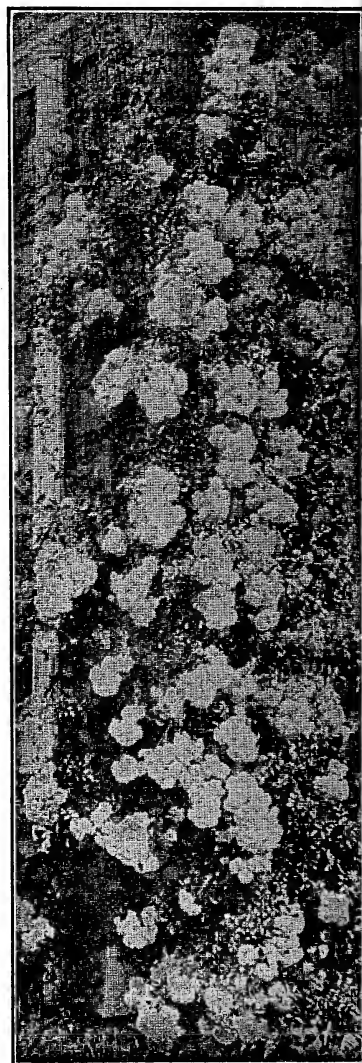
**CLIMBING AMERICAN BEAUTY**—A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. Price: Each, 75c.

**DOROTHY PERKINS** or **PINK RAMBLER**—A seedling of the famous **Crimson Rambler**. Blooms in clusters of from 8 to 25 flowers each, of a delicate rosy pink shade, suffused salmon and yellow at the base. Price: Each, 60c.

**EXCELSA**—A distinct variety in form, color and habit. A vigorous grower. The foliage is dark glossy green. Flowers very double, produced in large trusses, thirty to forty on a stem. The color is intense crimson maroon; points of the petals tipped with scarlet. Price: Each, 60c.

**FLOWER OF FAIRFIELD**—A counterpart of **Crimson Rambler** in every respect, except that it is everblooming, every new growth being terminated with a large cluster of flowers. Price: Each, 60c.

**TAUSENDSCHOEN**—"A thousand times beautiful," is not overestimating the beauty of this new and distinct Rambler. The individual flowers are very large for this type of Rose, being fully 2 to 3 inches across, and of decidedly graceful form. Opening flowers pink, rosy carmine when expanded; are produced in large trusses of from ten to fifteen flowers. Price: Each, 60c.



Crimson Rambler.

## CHOICE HARDY SHRUBS

Ready for shipment from March 1st to April 10th.

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense.

### ALTHEA

**HIBISCUS**—(Rose of Sharon)

**T**HIS has become one of the most popular flowering shrubs, coming in flower, as it does, in July or August, when few shrubs are in bloom. The entire plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a very pretty flowering hedge. Three-year-old plants. About three feet high.

Red.....	Each	10 for
Pink.....	\$0.40	\$3.50
White.....	.40	3.50
	.40	3.50

### TREE ALTHEA

Valuable on account of their blooming in late Summer.

Red—5 ft. high.....	Each	\$0.40
White—5 ft. high.....		.40

### AMPELOPSIS VEITCHII

(Sometimes called "Boston Ivy" and "Japan Ivy")

**E**NTIRELY hardy in the exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful Autumn foliage. Price: Strong two-year plants, Each, 35c; 10 for \$3.25.

### ARISTOLOCHIA SIPHO (Dutchman's Pipe)

**A**NATIVE species, of climbing habit and rapid growth, with magnificent light green foliage 10 to 12 inches in diameter, and curious, pipe-shaped, yellowish brown flowers. Price: Each, 50c; 10 for \$4.50.

### CALYCANTHUS

**C. FLORIDUS**—A well-known native bush, bearing very double, purple, fragrant flowers. Fine and glossy foliage; pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish green beneath; a favorite shrub. Price: Each, 40c; 10 for \$3.50.

### DEUTZIA

**V**ERY ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in Spring or early Summer. Slender, arching branches.

**PRIDE OF ROCHESTER**—Grows to 6 feet. Blooms in May in advance of the others. With very large, double white flowers. Price: Each, 40c; 10 for \$3.50.

**DEUTZIA CRENATA** (Double Pink Deutzia)—A tall shrub usually 6 to 8 feet high with numerous upright branches. Leaves dull green, rough on both sides, 2 to 3 inches long. Flowers double, pink. Price: Each, 40c; 10 for \$3.50.



Ampelopsis Veitchii.

### CLEMATIS

**T**HE Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate.

**HENRYII, LARGE WHITE**—A pure white large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. Price: Each, 35c; 10 for \$3.25.

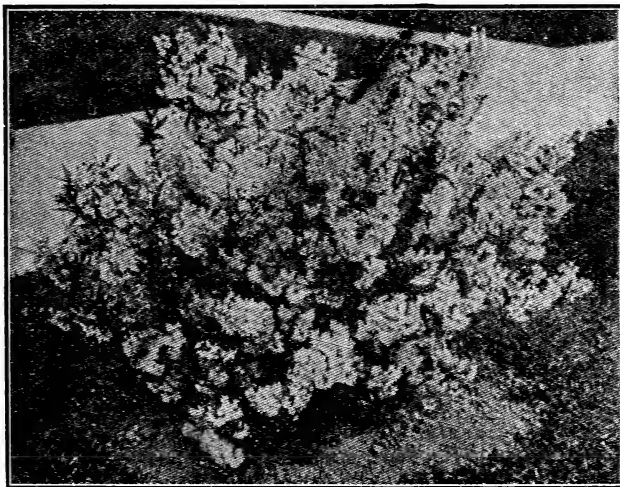
**MADAME EDOUARD ANDRE**—Flowers large, of a beautiful bright velvety red, very free-flowering. Price: Each, 35c.

**JACKMANI**—The best known and most valued large flowering variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. Price: Each, 40c; 10 for \$3.50.

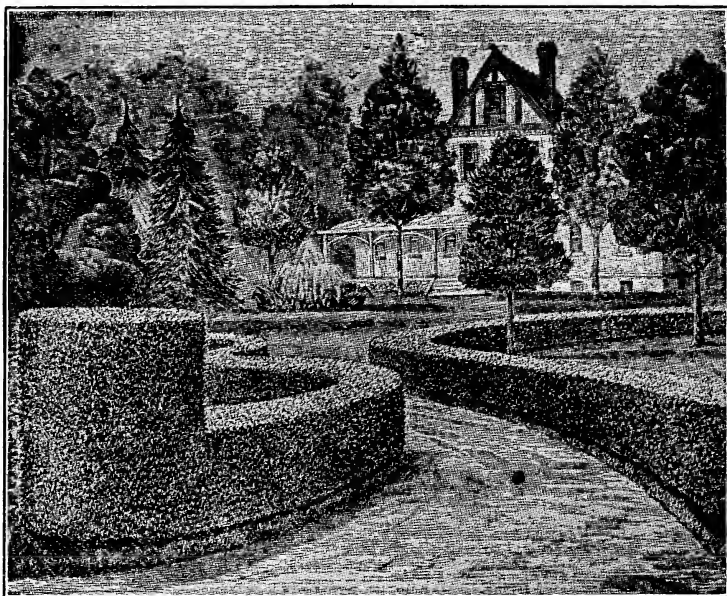
### CLEMATIS PANICULATA

(The Fleecy-White Fragrant Clematis)

**T**HIS grand climbing vine is one of the most valuable ever sent to us from Japan. Blooms in the early Fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 feet in a season, it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. Price, strong two-year plants, Each, 35c; 10 for \$3.25.



Deutzia.



California Privet.

## HEDGE PLANT

**CALIFORNIA PRIVET**—Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. **Price:** 18 to 24 inches high, 10 for 70c; 20 for \$1.20; 50 for \$2.50; 100 for \$4.50.

**BERBERIS (Barberry)**—One of the best lawn and border shrubs. Compact, low-growing, especially suitable for a hedge or as a border along walks and drives. **Price:** 10 for \$1.50; 100 for \$10.50.

## IRISH JUNIPER

**F**ast becoming one of our most popular forms of Juniper; of uniform, rapid growth and requires very little trimming. 30 to 36 inches high. **Price: Each, 75c.**

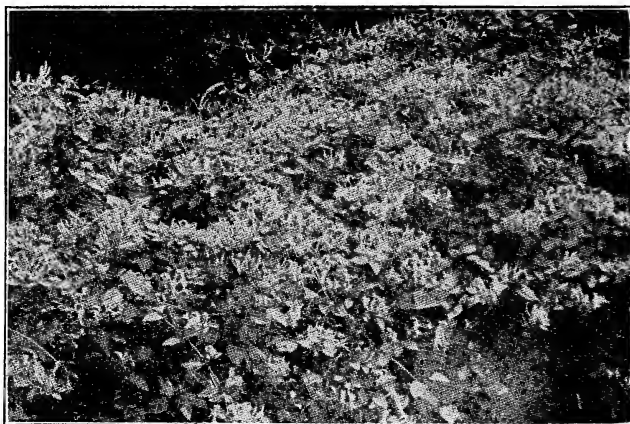
## FORSYTHIA

**FORSYTHIA FORTUNEI**—Strong, erect habit, bright golden-yellow flowers in early Spring. **Price: Each, 40c; 10 for \$3.50.**

**SUSPensa (Weeping Golden Bell)**—A tall shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early Spring. **Price: Each, 40c; 10 for \$3.50.**

## HYDRANGEA PANICULATA GRANDIFLORA

**T**HIS is one of the most hardy shrubs in cultivation. It attains a height of 3 to 4 feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal pinnacles nearly a foot in length. It commences flowering in July and continues until November. 3 to 4 feet. **Price: Each, 40c; 10 for \$3.50.**



Hall's Japan Honeysuckle.



Forsythia.

## HONEYSUCKLE

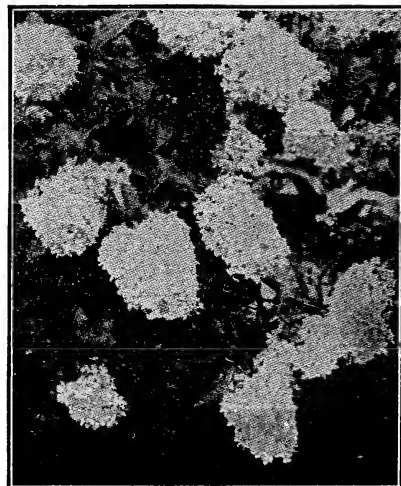
(Climber)

**HALLIANA (Hall's Japan Honeysuckle)**—A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all Winter. Extra-selected plants. **Price: Each, 35c; 10 for \$3.25.**

**SCARLET TRUMPET HONEYSUCKLE**—This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. **Price: Each, 35c; 10 for \$3.25.**

## BUSH HONEYSUCKLE

**LEBERBOURI ROSEA (Bush)**—Pink flowers, which contrast beautifully with the foliage; scarlet berries. **Price: Each, 40c.**



Hydrangea paniculata grandiflora.



## LILAC OR SYRINGA

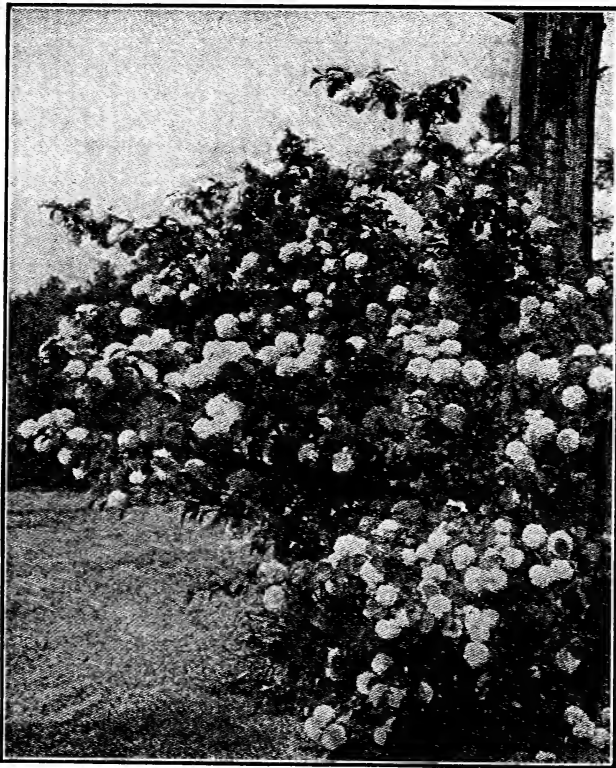
**L**ILACS (*Syringa*)—Lilacs stand more neglect, heat or drought without showing any bad effects, than any other plant, and there is hardly any other shrub that can take their place.

**LARGE PURPLE**—Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. Price: Each, 40c; 10 for \$3.50.

**LARGE WHITE**—Free bloomer. Price: Each, 40c; 10 for \$3.50.

## SNOW BALL

**O**NE of the most handsome bushes for the yard, known as Snowball Tree; of large size, with globular clusters of pure white flowers, blooming latter part of May; admired by home lovers everywhere; 3 to 4 feet. Price: Each, 35c; 10 for \$3.25.



Snowball or Viburnum.

## TAMARIX (Tamarisk)

**S**TRONG, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. Price: Each, 40c.

## WEIGELIA

**C**ANDIDA—Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the Summer. Price: Each, 40c; 10 for \$3.50.

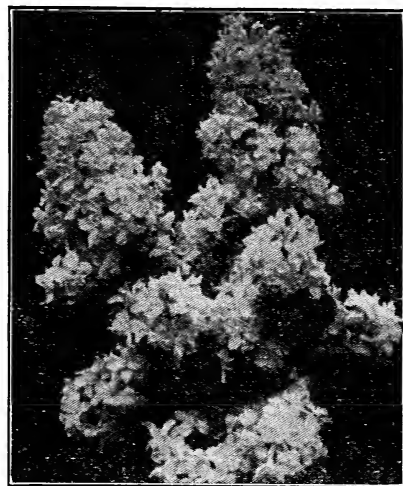
**EVA'RATHKE**—A charming new Weigelia, flowers brilliant crimson; a beautiful, distinct, clear shade. Price: Each, 40c; 10 for \$3.50.

## WISTERIA

**A**BEAUTIFUL hardy climber, will grow in one season about 20 feet high; flowers in clusters pale blue.

**W. SINENSIS (Chinese)**—Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. Price: Each, 40c.

**W. SINENSIS ALBA**—Of similar habit to sinensis, with pure white flowers. Strong plants. Price: Each, 40c.



Lilac—Syringa.

## SYRINGA OR MOCK ORANGE

**P**HILADELPHUS—For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, pure white flowers, in dense clusters so numerous as to bear the branches down when flowering. Price: Each, 40c; 10 for \$3.50.

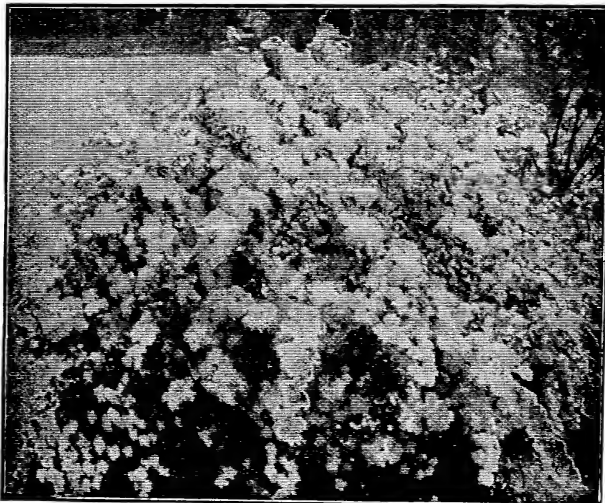
## SPIRAEA

**A**NTHONY WATERER—A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. Price: Each, 35c; 10 for \$3.25.

**VAN HOUTTE**—The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. An early bloomer, 2 to 3 feet high. Price: Each, 35c; 10 for \$3.25.

**THUNBERGII**—One of the first Spiraeas to bloom. Dwarf habit and graceful form; flowers small, white and very early spring blooming. Very beautiful when in bloom. Price: Each, 40c; 10 for \$3.50.

Shrubs Sent by Express Only.



Spiraea Van Houtte.



# ORNAMENTAL DECIDUOUS TREES

Trees and Shrubs sent by Express Only.



<b>BIRCH</b> ( <i>Betula</i> )—	Each
Cut-leaved Weeping. 8 to 10 ft.....	\$2.00
American White Birch. 8 to 10 ft.....	1.75
<b>CATALPA</b> ( <i>Indian Bean</i> )—	
Bungei. Dwarf habit, 2-year Heads.....	2.50
<b>ELM</b> ( <i>Ulmus</i> )—	
American Elm. 9 to 10 ft.....	2.00
<b>LINDEN</b> ( <i>Tilia</i> )—	
Americana (Linden, or Basswood), 8 to 10 ft.	2.00
Europaea. 7 to 8 ft.....	1.50
<b>MAPLE</b> ( <i>Acer</i> )—	
White, or Silver-leaved. 10 to 12 ft.....	2.00
Norway. 10 to 12 ft.....	2.00
<b>JAPANESE MAPLES</b> —	
<i>Acer polymorphum atropurpureum</i> (Blood-leaved Japan Maple). The most popular of all kinds, with beautiful foliage of blood-red color. Is particularly fine when its foliage is fully expanded in early Spring. 3 ft. bushy.....	
	2.50
<b>POPLAR</b> ( <i>Lombardy</i> )—This grows to an immense height, and is remarkable for its columnar growth. Price: 10 ft., \$1.50.	
<b>POPLAR</b> ( <i>Carolina</i> )—A vigorous healthy native tree of rapid growth, pyramid in form, with large, glossy leaves; valuable for park or street planting. Price: 10 ft., \$1.50.	
<b>SYCAMORE</b> ( <i>American</i> )—A tree of the largest size, growing rapid, very ornamental and entirely hardy. Fine for street planting. Price: 10 ft., \$2.50.	

## SMALL FRUITS

### GRAPES

**T**HERE is scarcely a yard so small, either in country or city, that room for one to a dozen or more grape vines cannot be found. They do admirably trained up to the side of any building, or along the garden fence. All two years old; extra strong roots.

	Each	10 for
<b>MOORE'S EARLY</b> —Large black.....	\$0.30	\$2.75
<b>CONCORD</b> —Med. early.....	.30	2.75
<b>NIAGARA</b> —Large white.....	.30	2.75
<b>CATAWBA</b> —Amber Color.....	.30	2.75
<b>WORDAN</b> —Black.....	.30	2.75

### CURRENTS

**V**ICTORIA—Large, bright red. The best currant yet introduced; berries are large, uniform in size, with long stems, good flavor, and is very productive and easy to pick. Price: Each, 40c; 10 for \$3.50.

### BLACKBERRIES

**EARLY HARVEST**—Best early. Price: Each, 15c; 10 for \$1.25.  
**ELDORADO**—Extra fine, large and sweet, late. Price: Each, 15c; 10 for \$1.25.

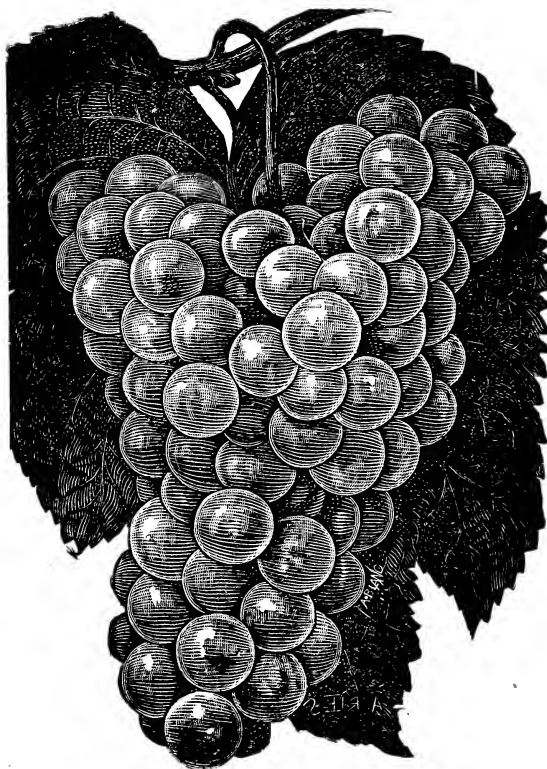
### RASPBERRIES

**KING**—Large, dark red, strong, robust and productive. Price: Each, 15c; 10 for \$1.25.  
**CUMBERLAND**—A black cap of exceptionally large size; of extra fine quality. Price: Each, 15c; 10 for \$1.25.

### GOOSEBERRIES

**G**OOSEBERRIES demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of Summer will largely prevent mildew. We offer strong two-year old plants.

**HOUGHTON**—Early, good size. Price: Each, 35c; 10 for \$3.25.  
**DOWNING**—Late, well known. Price: Each, 35c; 10 for \$3.25.



# SELECTED FRUIT TREES

TREES AND SHRUBS SENT BY EXPRESS ONLY.

WE FURNISH excellent clean trees, which, if planted carefully, are almost sure to succeed. Trees, when received, should be planted at once in rich, prepared soil, the roots being carefully separated and spread. If dry weather follows planting, the trees must be watered and mulched. Branches of last season's growth should be well cut back, thus encouraging the vigorous growth of new healthy shoots.

## APPLES

THE following is a list of the best Apples we have decided to include after trial. The months indicated are those in which the different varieties usually mature.

All Select Trees 5 to 6 ft., Each, 80c; 10 for \$7.50.

### SUMMER VARIETIES

- EARLY HARVEST**—Medium size; pale yellow; mild, fine flavor. August.
- RED JUNE**—Medium size, red; flesh white, tender, juicy, sub-acid; an abundant bearer. July. Tree an upright grower.
- YELLOW TRANSPARENT**—A splendid early variety; fruit good size; mild and delicious; yellowish white when ripe.

### AUTUMN VARIETIES

- MAIDEN BLUSH**—Large, flat, pale yellow; beautiful blush, mild, sub-acid, valuable for market, cooking and drying. September.
- RAMBO**—Size medium, oblate, skin smooth, yellowish white in the shade; streaked and marbled pale yellow and red. September.
- WEALTHY**—Fruit medium, oblate, skin smooth whitish yellow, shaded with deep red in the sun.

### WINTER VARIETIES

- ARKANSAS BLACK**—Large, very dark red, smooth, roundish flat, lightly dotted with white; flesh yellow, sub-acid; long keeper. November to April.
- BALDWIN**—A celebrated winter variety in the East. Large size, bright red; flesh yellow, juicy; very productive where it thrives.
- BEN DAVIS**—A splendid cooking variety. Yellow skin with red stripes.
- GREENING**—A splendid cooking variety. Fruit large; green, sometimes with red cheek.
- JONATHAN**—Medium growth; red and yellow; tender, juicy and rich; very productive. One of the best for table or market.
- NORTHERN SPY**—Large; bright yellow; juicy, crisp and tender. Splendid for table or cooking. Ready to eat in November and will keep in good condition.
- WINESAP**—Medium, conical, dark red; very smooth. Acid to sub-acid, juicy and rich, very valuable for both family and market. Tree very hardy and an early and constant bearer.
- YELLOW BELLFLOWER**—Free growth; large, yellow; crisp, juicy, acid to sub-acid; very good. Ripening November.

## CRAB APPLES

- RED LARGE SIBERIAN**—About an inch in diameter; grows in clusters; yellow, lively scarlet cheek. September. Price: Each, 90c.

## APRICOTS

First Class Stock, 5 to 6 feet high.  
Price: Each, \$1.00; 10 for \$9.00.

- MOORPARK**—One of the largest; color orange yellow, with red cheek; firm, juicy, with a rich flavor; very productive.
- EARLY GOLDEN**—Size small; color pale orange yellow; juicy and sweet; exquisite flavor.

WRITE FOR "SPRAYING GUIDE"

MAILED FREE

SPRAY FOR BIGGER CROPS AND BETTER FRUIT.

## CHERRIES

First Class Stock, 5 to 6 feet high.  
Price: Each, \$1.00; 10 for \$9.00.

- DYEHOUSE**—A very early and sure bearer. Ripens a week before the Early Richmond.
- RICHMOND**—Medium size light red; melting, juicy, sprightly acid flavor. Tree healthy and productive.
- MONTMORENCY**—Large red cherry, ripening ten to fourteen days after Early Richmond.
- WOOD (Sweet)**—Large roundish, heart-shaped; light yellow shaded bright red; very good.

## PEACHES

First Class Stock, 5 to 6 feet high.  
Price: Each, 75c; 10 for \$7.00.

### FIRST RIPENING

- ALEXANDER**—About medium size; greenish white, nearly covered with deep red.
- CARMAN**—Large, resembles Elberta in shape; color creamy white, with deep blush.
- MAYFLOWER**—Originated in North Carolina; very early; color perfectly red; a valuable market sort.

### SECOND RIPENING

- CHAMPION (Cling)**—Originated at Nokomis, Ill. Flavor delicious, sweet, rich, juicy, surpassing all other early varieties. Skin creamy white with red cheek.
- EARLY CRAWFORD**—This very beautiful and best of yellow peaches is highly esteemed for market purposes.
- ELBERTA**—Supposed to be a seedling of Chinese Cling, but is entirely free. Very large, yellow, with red cheek; flesh yellow, firm, juicy.
- MAMIE ROSS (Cling)**—Very large, oblong; color similar to Chinese Cling, but has more of a red cheek.
- WHITE HEATH (C)**—Large, white.

## PEARS

First Class Stock, 5 to 6 feet high.  
Price: Each, \$1.00; 10 for \$9.00.

- SHELDON (Fall variety)**—Yellow and russet, sweet.
- HOWELL (Fall variety)**—Large, sweet.
- DUCHESSE (Fall variety)**—Large, sweet.
- BARTLETT**—Large, very rich.
- KIEFFER**—Winter, yellow red cheek.
- BARTLETT**—Seckel, good size, colored.

## PLUMS

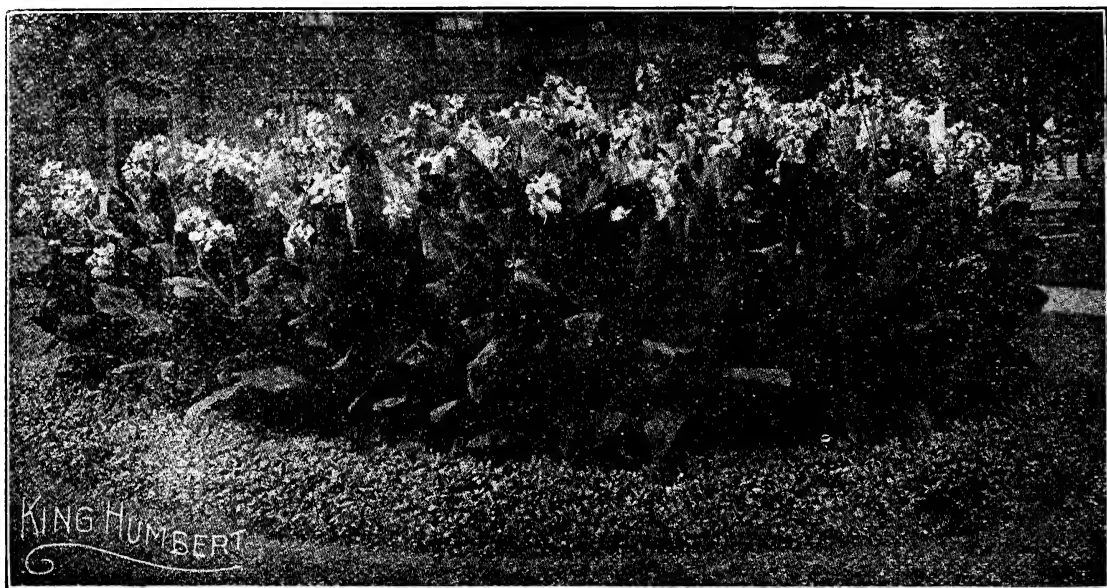
5 to 6 feet high.  
Price: Each, \$1.00; 10 for \$9.00.

- DAMSON (Common Blue)**—A valuable market sort. It bears enormous crops.
- GERMAN (Prune)**—A large, oval variety; much esteemed for drying; color dark purple.
- IMPERIAL GAGE**—Fruit large, oval, skin pale green, flesh juicy, sweet, rich and excellent. Tree very vigorous and productive.
- LOMBARD**—Medium, round, oval, violet-red; juicy, pleasant and good; adheres to the stone.
- WILD GOOSE**—Well-known, large, deep red when ripe. Good quality; one of the best native plums.

## QUINCE

Price: Each, \$1.00; 10 for \$9.00.

- BOURGEAT**—The strongest and most distinct grower of all Quinces, with large foliage and very handsome fruit.
- MEECH**—A vigorous grower and immensely productive. The fruit is large, lively orange yellow.



## ORCHID or LARGE-FLOWERING CANNAS

Ready for shipment during March and April.

**D**ORMANT Canna roots may be started indoors during March or April, but should not be set out until the weather is settled and the ground warm, usually May or June in this latitude. When planting dormant roots, do not set too deep. The eye should show a little through the ground. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally. Our list embraces the best of the novelties and old standard varieties, everyone of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding.



Florida Canna.

## CANNAS

### RED FLOWERING, GREEN FOLIAGE

**A**LPHONSE BOUVIER—Rich, velvety crimson. Green foliage. 6 to 7 feet high.

**CHARLES HENDERSON**—Deep crimson yellow, flame at throat. 3 ½ feet high.

**CRIMSON BEDDER**—A fine sort with large spikes of glowing crimson; dark, metallic leaves. 4 feet.

**DUKE OF MARLBOROUGH**—Of all the deep crimsons this is the finest; exceptionally free flowering. Individual blooms very large, 4 ft.

**LOUISIANA**—A new giant, vivid scarlet-crimson Canna. The flowers are more than 6 inches across. It grows 6 feet high.

**PENNSYLVANIA**—Flowers are extra large, often measuring 7 inches across, and on the inside are vermilion scarlet. Foliage rich green. 5 feet high.

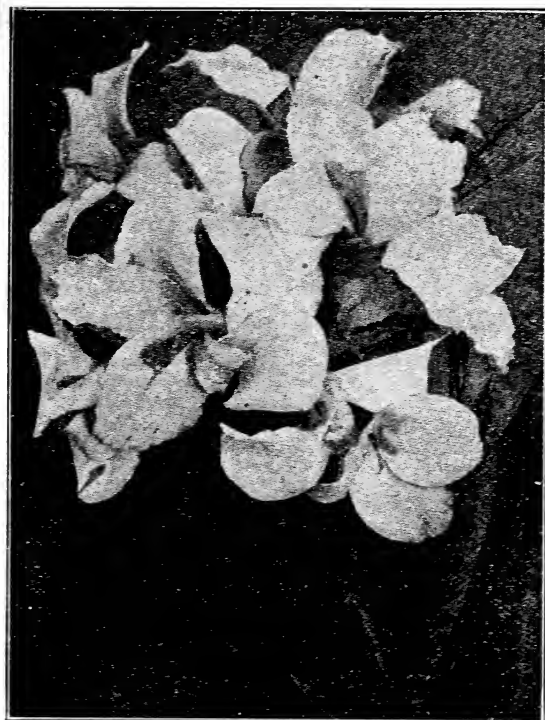
### BRONZE LEAF, RED FLOWERING

**D**AVID HARUM—A very fine, brilliant vermilion. Haw bronze foliage and is very free flowering. One of the finest bronze varieties for bedding. 3 ½ feet.

**EGANDALE**—Strong, compact flower stalks; currant flowers; bronze foliage. Finest of this variety. 4 feet high.

**KING HUMBERT**—A brilliant orange scarlet with bright red shadings. Large trusses of blooms, individual flowers being 6 inches in diameter. Foliage a rich reddish bronze with lighter shadings; is broad and massive, giving the plant a sturdy and stately appearance. 5 feet.

Extra Strong Roots—Price: Cannas in the above list, 75 cts. per doz.; \$6.00 per 100.



Martha Washington.

## RED, GOLD-EDGED CANNAS

**AUGUSTA**—Crimson, with broad gold band; the finest bedder, and for pot culture unsurpassed. 4 feet.

**ALEMANIA**—The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 feet high.

**FLORIDA**—Flower large, and orange scarlet in color, streaked and flamed with crimson and yellow; a good grower and profuse bloomer. Height, 4 feet.

**ITALIA**—The center of flower is brilliant red; the outer half of the circumference of each petal being a wide, irregular band of clear yellow. 4½ feet high.

**NIAGARA**—Great, handsome trusses; rich, deep crimson, wide, irregular border of deep, golden yellow; fine bedder. True. 3 feet.



## ORANGE AND YELLOW SHADES

**GLADIATOR**—Enormous trusses of blooms. Flowers bright yellow, thickly spotted crimson; valuable bedding kind. 4 feet.

**AUSTRIA**—Pure canary-yellow; fine large open flowers, with few reddish dots in the centre of the two inside petals.

**BURBANK**—Very rooty and vigorous; color lemon yellow, thickly spotted on the throat with bright scarlet. 6 feet.

**YELLOW KING HUMBERT**—A green leaved sport of the popular King Humbert. It has the same habit of growth and free flowering qualities but the flowers are bright yellow and lightly spotted with red. Price: Each, 10c; Doz., \$1.00.

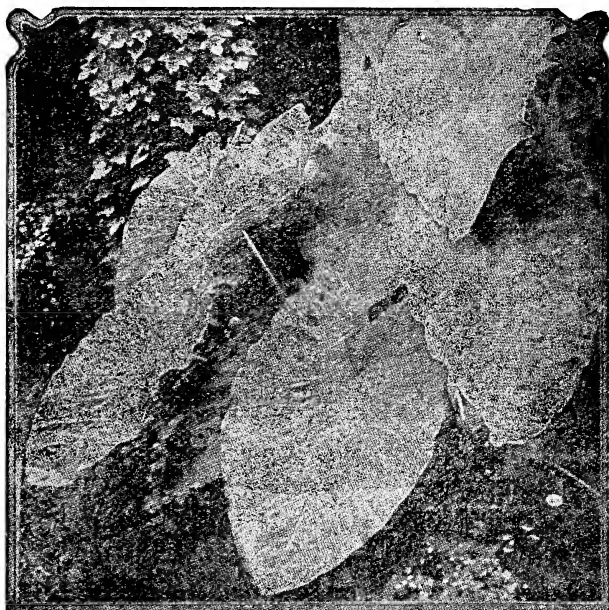
## PINK FLOWERING CANNAS

**LOUISE**—A lovely flower of deep, seashell pink; medium sized flower; luxuriant growth of green foliage. Height 4 feet.

**HUNGARIA**—Flowers large, in good-sized trusses, freely produced. The color is a beautiful rose-pink, which has been compared to that of the Paul Neyron Rose. It impresses one with its refinement; 3½ ft.

**MARTHA WASHINGTON**—A compact dwarf bedding Canna with a magnificent show of wide flower heads; color deep, brilliant rose. 3 feet.

Price: all on this Page, except mentioned:  
Doz., 75c; 100 for \$6.00.



Caladium.

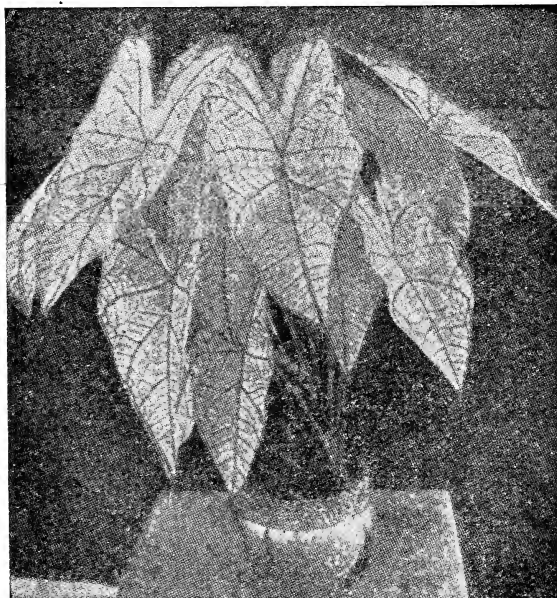
## AMARYLLIS

(By Parcel Post add 5c Each.)

**T**HE Amaryllis is pre-eminently a window garden plant for the amateur, producing under the simplest conditions one, two and even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition.

**JOHNSONII**—Very large flower, of a rich crimson-scarlet color, striped with white.

	Each
Extra large bulbs .....	\$0.50
Medium size bulbs .....	.30



Fancy Leaved Caladium.

## CALADIUM ESCULENTUM

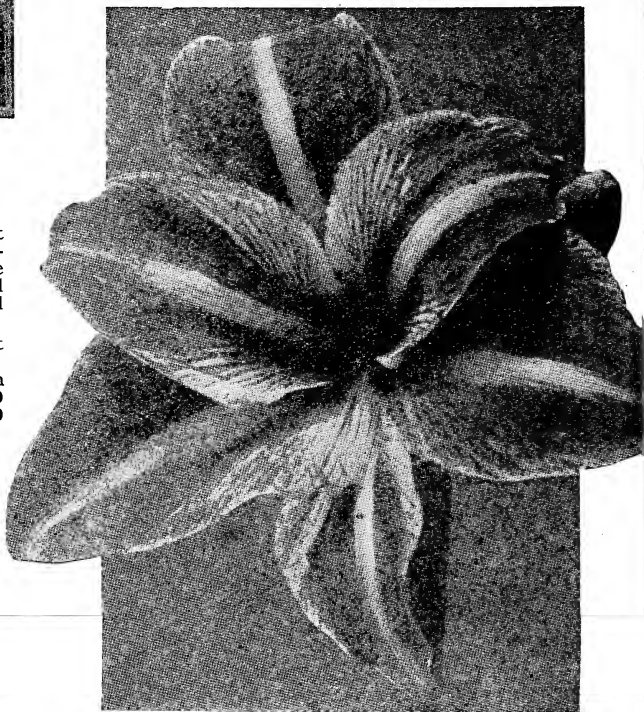
(Elephant's Ear.)

**O**NE of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 5 to 7 feet high, and bears immense light green leaves, 3 to 4 feet long by 2 ½ feet wide.

	Each	Doz.	Weight
Mammoth bulbs .....	\$0.50	\$5.00	Each 2 Lb.
Large bulbs .....	.35	4.00	Each 1 Lb.
First Size bulbs .....	.25	2.50	½ Lb.
Medium bulbs .....	.15	1.50	¼ Lb.

## FANCY LEAVED CALADIUMS

**C**ALADIUMS (Fancy Leaved)—Dry Bulbs, 1 ½ to 2 inches in diameter. For window boxes, show plants, or greenhouse growing they are invaluable. Rich, thrifty leaves, more handsome than Begonias; marbled, veined and striped with white, pink and dark red. Bulbs should be started into growth about April 1st, in a warm house. Price: Each, 20c; 6 for \$1.00.



Amaryllis Johnsonii.

## CINNAMON VINE

**A** BEAUTIFUL, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in Winter, but growing with great rapidity in the Spring, so as to cover any trellis or arbor very early in the season. Large, select roots. Price: Doz., 25c.

## MADEIRA VINE

**A** FAVORITE tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Price: Lb., 25c. By Parcel Post add 5c Lb.

## HERBACEOUS PEONIES

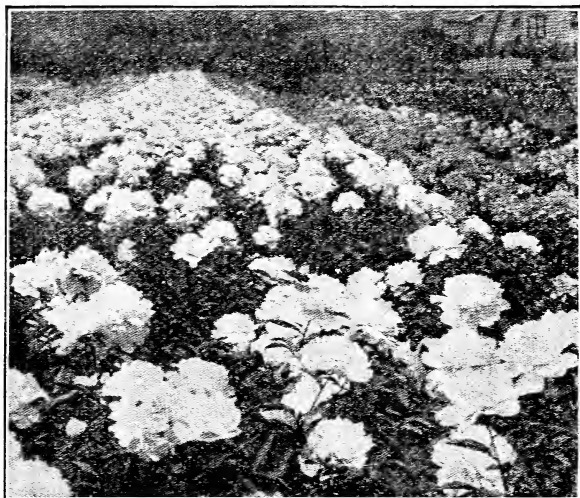
Sent by Express Only.

Time of Delivery—All roots can be delivered from early March until the end of April, and again from September on and until freezing time in the Fall.

THE old-fashioned Paeony *Officinalis* of our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderful improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubby border where their brilliant hues add attraction to all around.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

	Each	Doz.
<b>CANDIDISSIMA</b> (Calot)—Large, cream-yellow, with green heart, very full and white guard petals; center sulphur; compact.....	\$0.35	\$4.00
<b>COURONNE d'OR</b> —Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings..	.40	4.50
<b>DUCHESSE d'ORLEANS</b> —Deep pink, fine bud, one of the best keepers.....	.30	3.00
<b>EDULIS SUPERBA</b> —Beautiful deep rose pink, large and of good form, fragrant, and one of the earliest.....	.30	3.00



	Each	Doz.
<b>FELIX CROUSSE</b> (Late) — Deep, glowing crimson without stamens..	\$0.60	\$5.75
<b>FESTIVA MAXIMA</b> —Pure white center, strong vigorous grower. Early	.35	4.00
<b>MARIE LEMOINE</b> — Large, very compact, rose type, pure white with cream-white center.....	.35	4.00
<b>MME. De VERNEVILLE</b> —Broad sulphur white guard petals and compact white center, touched carmine	.35	4.00
<b>OFFICINALIS</b> — Old-fashioned fragrant, double, dark, red.....	.35	4.00
<b>WACHT AM RHINE</b> — Early, dark red.....	.35	4.00
<b>ZOE CALOT</b> —Beautiful rose pink, large and of good form, fragrant, and one of the earliest.....	.35	4.00

## TUBEROSE

By Mail add 10c Doz. Postage.

THE flowers of this popular plant are waxy-white, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

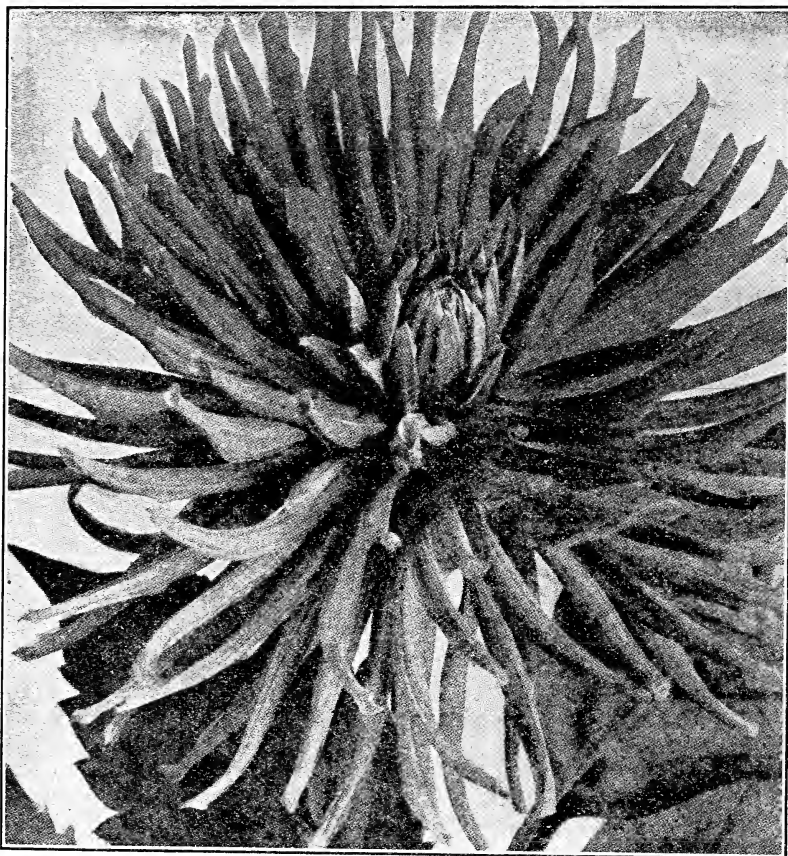
**EXCELSIOR DOUBLE PEARL** — Extra large bulbs. Price: 6 for 25c; Doz., 50c; 100, \$3.50.

**ARMSTRONG'S EVERBLOOMING**—This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine". Price: Doz., 50c.

# DAHLIAS

Dahlias by Parcel Post. See Page 1. Weight of Clumps about ½ lb.

**T**HE Dahlia deserves a place in every garden, much more so than it did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts, of these beautiful Summer and Fall flowers.



Cactus Dahlia

## SHOW AND FANCY DAHLIAS

**T**HE name Show applies to varieties producing large, well formed flowers, having only solid colors, but many frequently have shaded tips. Fancy embraces all the variegated varieties.

**BLUE OBEN**—A fine shade of bluish purple, good bloomer, one of the most prominent garden dahlias.

**BURLEIGH**—One of the finest show Dahlias, color deep red tipped white, fine for cut flowers.

**COLONIST**—A valuable garden variety, color coral red, light edge, almost white, free bloomer.

**COPPER KING**—The best yellow show Dahlia, perfect in form, color orange copper yellow.

**TIME OF PLANTING**—The time for planting Dahlias varies quite a good deal, according to the locality, whether sheltered or open, early or lateness of the season, and the time when the general crops are desired. In the Central States tubers may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from tubers planted out about June 20, obtaining the choicest flowers during the latter part of September. Dahlias should be planted from 2 ½ to 3 feet apart and covered to a depth of four inches.

## CACTUS DAHLIAS

**T**HIS is a selection of varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering sorts.

**COUNTRESS OF LONSDALE**—A pleasing blending of salmon-pink and amber; an early and profuse bloomer under any conditions.

**FLAME**—Bright orange scarlet; bright and effective. Height 3 feet.

**KRIEMHILDE**—The color is an exquisite shade of delicate shell-pink. The broad petals are white, forming a beautiful rosette of that color above the pink. It is a profuse bloomer of strong, upright habit.

**KLONDIKE**—One of the most distinct flowers yet raised. The florets, which are of good shape, are bright golden yellow; the habit is upright and the stems carry the flowers well above the foliage.

**RHEINKOENIG**—A large and very early free-blooming pure white cactus.

**RUTH FORBES**—Large, deep pink, a strong grower with long stems.

Price: for the above, each, 20c; dozen, \$2.00.

**EMILY**—Sulphur with white marking, very large and free bloomer.

**MISS DODD**—This fine show dahlia should be in every garden, color orange yellow quilled early.

**STRIPED BANNER**—Color scarlet and white band through petal, a good garden variety, free bloomer.

**ZULU**—One of the best, almost black, garden Dahlia.

Price of the above; each, 15c; doz., \$1.50. By parcel post add, 5c each for postage.

## POMPON DAHLIAS

**HELEN LAMBERT**—Clear yellow, fine form.

**KLINE DOMITEA**—Bright golden terra cotta.

Price: each, 20c; dozen, \$2.00.

## DECORATIVE DAHLIAS

**T**HE Decorative type of Dahlias being of a distinct class is nearly allied to the Cactus type. In habit and character of plants they are very similar; but in the blossom of the Decorative type the petals are very broad, their width being nearly half the length, while in the Cactus the petals are long and narrow and usually curled and twisted.

**BLACK PRINCE**—A fine garden variety, color deep maroon, free bloom.

**BLUE OBEN**—Color soft lavender blue, fine for cut flowers.

**BURNING BUSH**—The color is orange scarlet, fine keeper.

**CATHERINE DUER**—Cherry, scarlet, overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety.

**CRIMSON BEAUTY**—Early, bright red, a fine bloomer; this variety should be in every garden.

**CHOCOLATE**—A perfect flower, fine form, color chocolate.

**DELICE**—A valuable addition to the cut-flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft glowing rose-pink, shading slightly lighter to the center.

**GOLDEN WEDDING**—A giant in flower and plant; this is probably the largest of all Dahlias, while the color is that deep golden yellow found in the Golden Wedding Chrysanthemum. A gorgeous variety for the garden or exhibit. 5 ft.

**JACK ROSE**—A magnificent sort, very free flowering and showy in the field, with long stems, and perfect form for cutting. Color, rich crimson-red, with maroon shadings at center.

**KINDS PINK**—Effective for its fine flower, color soft pink with light center.

**MILWAUKEE BLACK**—Color deep maroon, good bloomer.

**ROYAL PURPLE**—A good variety for cutting, fine flower and long stems, color deep purple.

**STAR LIGHT**—A splendid variety, color center white, outside petals deep tan, good bloomer.

**SYLVIA**—Best described as a giant Nymphaea. Flowers 4 to 6 inches in diameter, of fine form and full to the center, which is white shaded to soft pink on the outer petals. Valuable cut-flower for long-distance shipments.

**SENIOR LION PEREZE**—Large deep pink, very early; this variety should be in every garden.

Price of the above, each, 15c; doz., \$1.50. By parcel post add, 5c each for postage.



Show or Fancy Dahlias.

### PLANT "PURE AND SURE" SEEDS

#### PAEONY-FLOWERED DAHLIAS

**T**HE Paeony-flowered Dahlia has made itself very popular with us and more so with our customers.

**BRIDES MAID**—A beautiful snow white of medium height, good sized flower.

**MRS. T. G. BAKER**—A fine pure white, large good bloomer.

**FRIGOLA**—Color, old rose, tipped white, fine for cut flowers.

**PEARL**—A lavender pink variety, large size flower. keeps well when cut.

Price: each, 20c; dozen, \$2.00.

#### COLLERETTE DAHLIAS

Anyone only familiar with the first introductions of this type can form no idea of the beautiful artistic blending of soft and rich colors which is found in most of the newer sorts. All have single flowers with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower.

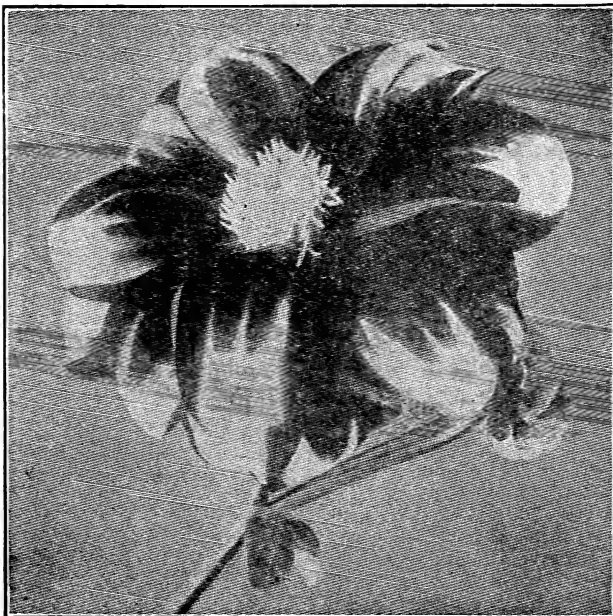
**AMMINONIN**—Flower shaded rose orange tinted, a good garden variety.

**DIOMEDES**—A fine variety, color pink, border white.

**HENRY FERMANN**—Color yellow, blocked red.

**LOVELINESS**—A good bloomer, color rose pink, white shaded.

Price: each, 20c; dozen, \$2.00.



Paeony-Flowered Dahlias

## SELECT GLADIOLI

Gladioli, by Parcel Post, add 5c per Doz.

**T**HE Gladiolus is one of the most called-for of our Summer-flowering bulbs.

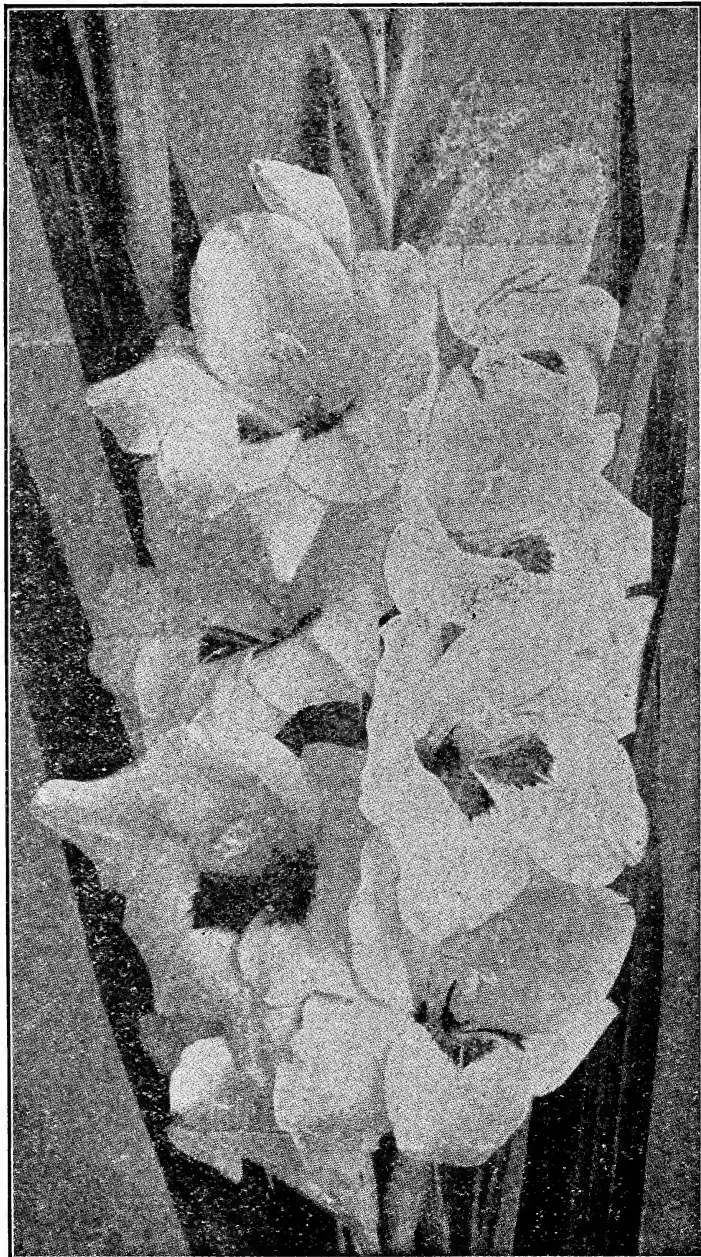
In the following list of varieties we offer only those which we have grown with satisfactory results.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the plant-

ing of Gladioli during May and June, and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

Exposure to the sun is necessary at all times. Bulbs may be planted in rows single or double, leaving about four inches between bulbs and drills two feet apart; plant the bulbs four inches deep. This method is most advisable when growing for cut blooms.



America.

When mass effect is desired, bulbs should be planted from six to eight inches apart and four inches deep; this applies to planting in beds, borders and among shrubbery. We recommend the purchasing of Gladioli as early as possible, especially of the new and choice sorts. Most of the recent introductions do not produce bulbs as readily as the more common varieties, and the supply is always limited, to a certain extent.

Early orders usually get more prompt attention, and we can devote more time to each order than it is possible to allow during April and May. Why not start a bed of Gladioli this Spring, and be surprised with the results?

In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way, a spike will last a week or ten days.

**AMERICA**—A splendid new Gladiolus. The color is a soft pink very much like the Enchantress Carnation except slightly tinged with lavender, effecting a perfect color harmony. A splendid bedding sort and an excellent cut flower. In 1907 the America was awarded the certificate of Merit, by the Horticultural Society of Washington, Boston and New York. It is undoubtedly the most desirable variety in the market. Extra large bulbs.

Price: Doz., 40c; 100 for \$3.50.

**AUGUSTA**—Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom.

Price: Doz., 40c; 100 for \$3.50.

**BARON HULOT**—Rich, royal violet-blue; one of the finest in its color. When this Gladiolus is cut and arranged in combination with Sulphur King, the contrast is truly exquisite, and it should be in every collection.

Price: Doz., 50c.

**BRENCHLEYENSIS**—One of the oldest and most popular of the hybrids. Vivid scarlet flowers of medium size but so many open at one time they make a very brilliant display.

Price: Doz., 40c; 100 for \$3.50.

**CHICAGO WHITE**—A fine white variety with lavender stripes on lower petals. Medium sized flowers borne on a tall spike and from seven to eight flowers open at one time.

Price: Doz., 50c; 100 for \$4.00.

## GLADIOLI—Continued

**LILY LEHMAN**—This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. Price: Doz., 50c; 100 for \$3.75.

**GLORY OF HOLLAND**—A new white with slight tinting of pale pink and anthers of delicate lavender. Blossoms large and gracefully set on a tall spike. One of the finest whites. Price: Doz., 50c; 100 for \$3.75.

**HALLEY**—The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect. Price: Doz., 40c; 100 for \$3.50.

**PANAMA**—Exquisite and magnificent, being fully the equal of America in form and size, but superior to it in color, being more on the order of salmon-pink. Wherever this variety has been exhibited it has secured first premiums. European growers have endeavored to secure the entire stock. Price: Doz., 60c.

**MRS. FRANCIS KING**—Is a strong grower, vigorous and healthy. Has long, strong foliage and effective flower-spikes, with a goodly number of reserve buds continually opening. The magnificent flowers measure 4½ inches across, and there are five or six flowers well spread out on the spike at the same time, giving for vases in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced by any other Gladiolus. The color, brilliant flamingo-pink, blazed with vermilion red. Price: Doz., 40c; 100 for \$3.00.

**NIAGARA**—In type the variety resembles America, but the flowers appear to be somewhat larger, measuring 4½ inches across. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. Price: Doz., 60c.

**PEACE**—One of the grandest white introductions of 1912, that will retain its place among the good white varieties for some time to come. The pale lilac feathering on the interior petals, together with its strong, broad, rich green foliage and spike, make it a most desirable Gladiolus in any collection. This variety seems to produce blooms of a better white later in the season than most sorts. Bulbs planted late in June have produced wonderful flowers in September. Price: Doz., 60c.

**PRINCEPS, GIANT FLOWERED GLADIOLUS**—This magnificent new hybrid is an unusually healthy robust variety, producing spikes often 3 feet long, carrying from 18 to 22 broad, round-petaled immense flowers, about 6 inches across, of perfect and open form and waxy substance. The coloring is glowing scarlet-crimson, enlivened below the throat by a large-feathered white blotch sprinkled with scarlet. The spikes continue to lengthen and produce bloom for several weeks; often four of these glorious flowers are expanded at one time. Price: Doz., 60c; 100 for \$4.50.

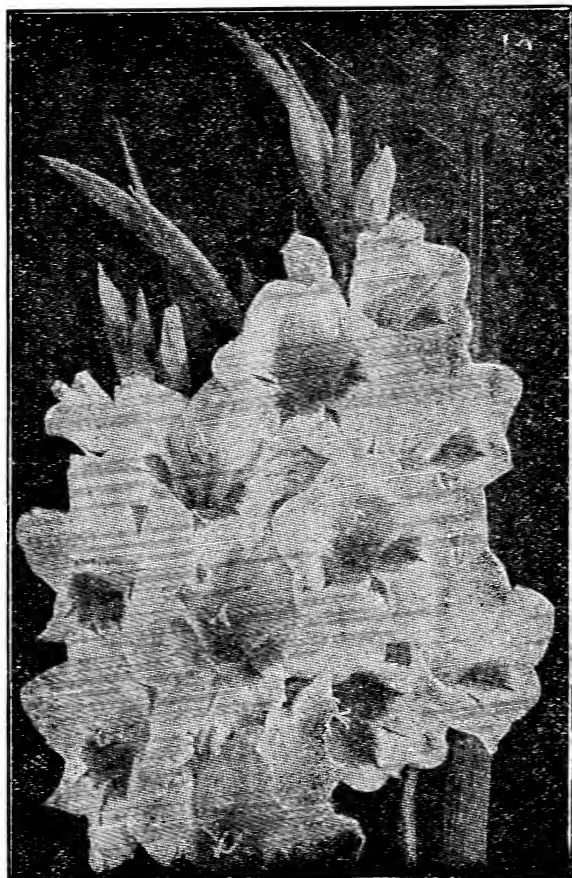
**SCHWABEN**—A meritorious variety of wonderful vigor with strong erect spikes and large flowers of a clear yellow color. Small blotch of deep garnet in throat. Price: Doz., 75c; 100 for \$6.00.

**MRS. FRANK PENDLETON**—One of the finest varieties introduced. Delicate salmon-pink with brilliant deep red blotches in the throat. A fine decorative variety. Price: Doz., 60c; 100 for \$4.75.

**WILLY WIGMAN**—A creamy white ground delicately rose tinted with a large soft carmine conspicuous blotch on lower petals. Price: Doz., 75c; 100 for \$6.00.

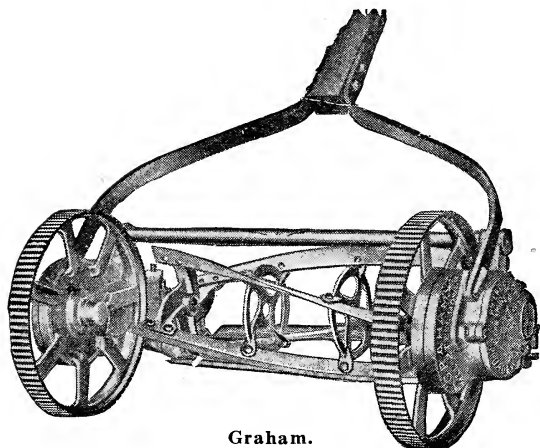
## GLADIOLUS MIXTURES GARDEN MIXTURE

**T**HIS is our popular, low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, but have never seen any which surpassed it in variety of coloring or general excellence. Price: Doz., 20c; 100 for \$1.25.



# GENUINE "PHILADELPHIA" LAWN MOWERS

KNIVES ARE MADE OF THE BEST VANADIUM CRUCIBLE STEEL.



Graham.

## STYLE GRAHAM ALL STEEL PLAIN BEARINGS

**T**HE highest achievement in Lawn Mower Manufacture. Unquestionably the highest grade lawn mower on the market today. We recommend this lawn mower for large estates, parks, cemeteries or wherever there is much grass to be cut.

Self-oiling, all-steel. No front axle. Cylinder with 4 blades, Driving wheels, 10 inches. Diameter of cylinders, 6 1/2 inches. Train of gears on both sides.

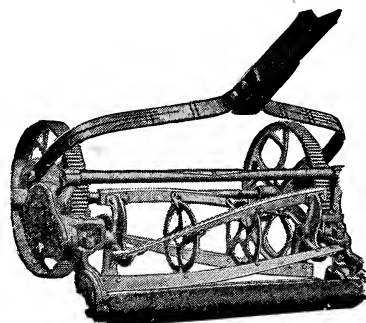
Size	Price
17 inch.....	\$27.25
19 inch.....	30.50

The Best Mower  
for Half a Century

## STYLE A ALL STEEL

**B**EING all steel, it is practically indestructible. Either wheel will drive cylinder. Excellent for large areas where a good mower is necessary. Cylinder with 4 blades. Driving wheel, 10 inches. Diameter of cylinder, 6 1/2 inches. Train of 3 gears on one side. Double ratchet.

Size	Price
17 inch.....	\$24.25
19 inch.....	26.85
21 inch.....	29.50



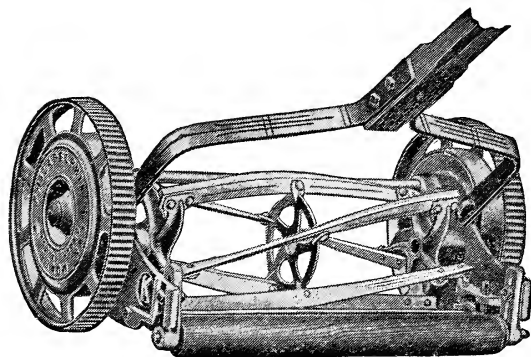
Philadelphia, Style A.

## STYLE K

**A** SPLENDID general purpose mower for hard knocks. Vanadium crucible steel blades. Single pinion gears on each side. Very popular with the private owner who likes to cut his own lawn.

Cylinder with 5 blades. Driving wheel, 10 inches. Diameter of cylinder, 6 1/2 inches. Geared both sides.

Size	Price
16 inch.....	\$17.50
18 inch.....	18.00
20 inch.....	19.75



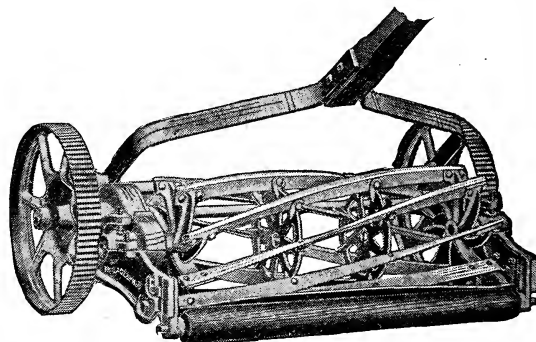
Philadelphia, Style K.

## GOLF MOWER

**T**HE mower par excellence for putting greens and fine work. Extra strong construction to withstand constant hard use. Generously large bearings guarantee easy running and long life. Vanadium crucible steel.

The eight blades give billiard table smoothness. Will cut to 1/8 inch.

Size	Price
19 inch.....	\$36.00



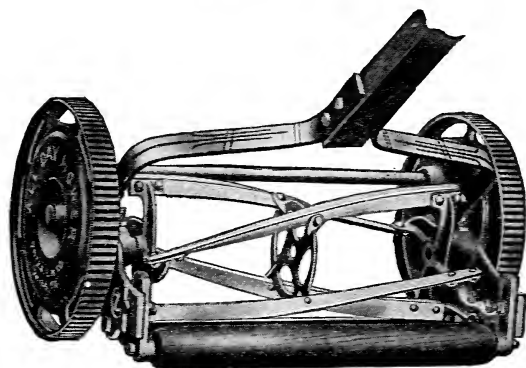
Golf Mower.

EVERY PART OF A GENUINE

# "PHILADELPHIA"

IS MECHANICALLY PERFECT

## ALL DAY



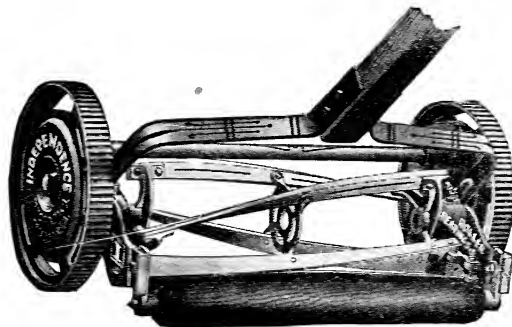
All Day.

**ALL DAY**—A favorite for moderate sized lawns. Runs easy and will wear long. Geared with single pinion on both sides.

Cylinder with 4 blades. Driving wheel, 10 inches. Diameter of cylinder, 6 $\frac{1}{8}$  inches.

Size	Price
16 inch.....	\$12.00
18 inch.....	12.75

## INDEPENDENCE

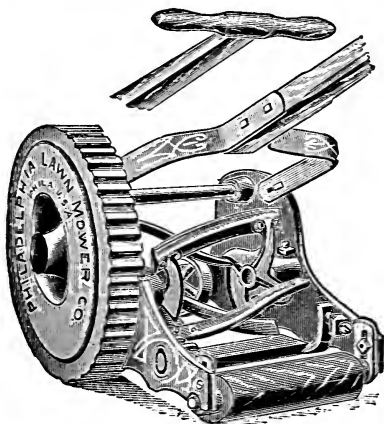


Independence.

**INDEPENDENCE ROLLER BEARING**—A popular priced frictionless bearing lawn mower that appeals to the man with a medium sized lawn. Vanadium crucible steel blades. Made by the same expert mechanics that make the highest priced mowers. Cylinders with 4 blades. Driving wheel, 9 in. Diameter of cylinder, 5 $\frac{1}{2}$  inches.

Size	Price
16 inch.....	\$12.75
18 inch.....	13.25

## LAWN TRIMMER

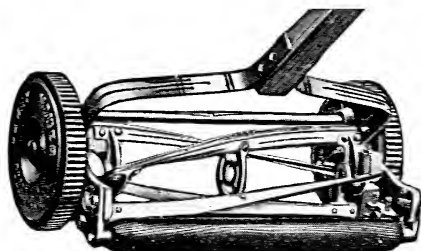


Lawn Trimmer.

**LAWN TRIMMER**—Will cut smoothly to  $\frac{1}{4}$  inch of wall making use of shears unnecessary. Built for durability and service. Cylinder with 4 blades. Driving wheel, 8 inches. Diameter of cylinder, 5 $\frac{1}{4}$  inches.

Size	Price
6 inch.....	\$6.50

## DEWEY



Dewey.

**DEWEY**—A high-grade mower for owners of small lawns. Bearings are bored for extreme accuracy. Geared both sides with single pinion. Vanadium crucible steel blade. Cylinder with 4 blades. Driving wheel, 8 inches. Diameter of cylinder, 5 $\frac{1}{2}$  inches.

Size	Price
14 inch.....	\$9.25
16 inch.....	9.50
18 inch.....	9.75

**GRASS CATCHER**—Gauge galvanized wire frame, covered with extra quality 8-oz. green and white striped canvas sides and back.

Size	Price
14 inch and 16 inch.....	\$1.75
18 inch and 20 inch.....	2.00

## LAWN ROLLERS

YOUR LAWN NEEDS A ROLLER.

### DUNHAM "WATER WEIGHT" ROLLER

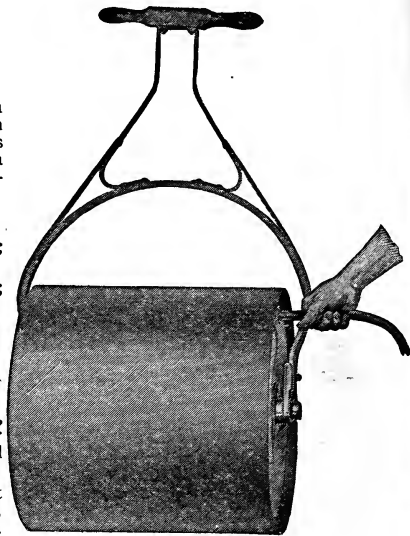
WITH a Water Ballast Roller one can secure any weight desired, between minimum and maximum, by simply removing a thumbcap from each end and filling the two hollow sections with as much water or sand as may be needed, which is easily and quickly done with a hose or through a funnel; and the roller is as quickly emptied. The inside being heavily galvanized, it will last for years.

Without Handle Weights.

No. WB7—24 inches long; 24 inches in diameter; weight, empty, 115 pounds; filled with water, 500 pounds. Price: \$17.00.

No. WB5—24 inches long; 18 inches in diameter; weight, empty, 80 pounds; filled with water, 310 pounds. Price: \$16.00.

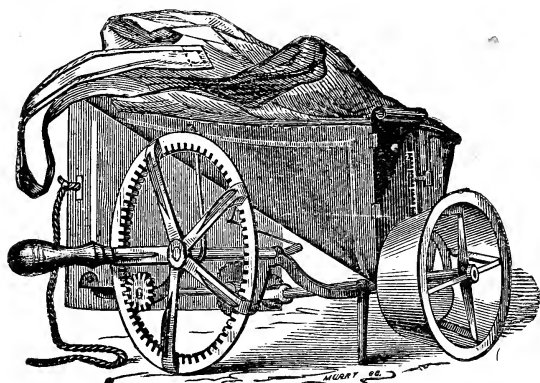
With Counter Balancing Handle Weights, \$2.50 extra.



### CAHOON'S BROADCAST SOWER

FOR sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. Price: \$6.00.



Cahoon Seeder.

**MOLE TRAPS**—Olmsted—The best trap made. Sure to catch them. Made of best material. Price: \$1.75.

**RIDDLE**—A very good trap for the money. Price: 85c.

### CYCLONE SEED SOWER

THE material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of  $\frac{1}{2}$  bushel. It sows with ease to the operator all varieties of grain and grass seed perfectly even. Price: \$1.75.

### LIGHTNING TIN HORN SEED SOWER

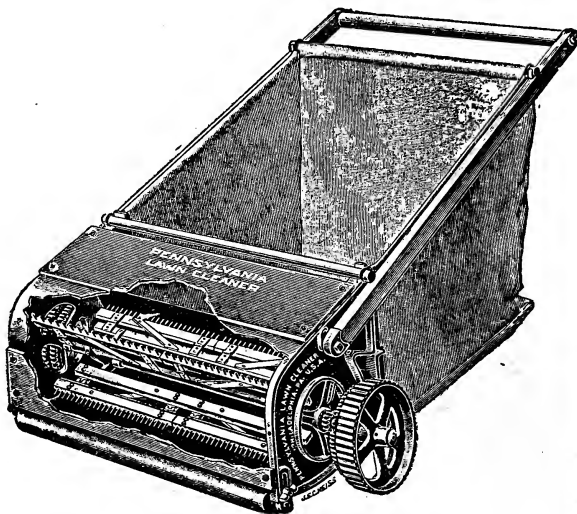
HAS long tin sectional tube, having sack attached, also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand. Price: \$1.00.

### THE PENNSYLVANIA ROTARY LAWN RAKE

THIS is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with rakes. (See cut.)

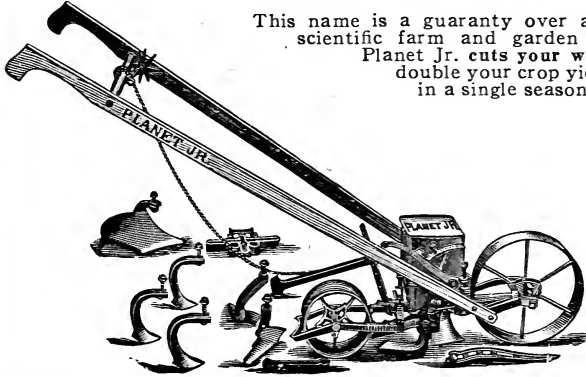


Price: 24-inch machine, \$25.00. (Weight packed for shipment, 90 lbs.)



# PLANET JR.

This name is a guaranty over all the world of the most modern scientific farm and garden tools manufactured. Every Planet Jr. cuts your work in half. These tools double your crop yield, pay for themselves in a single season, and last a lifetime.



**S**OON pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

## No. 4 Planet Jr. Combined Hill and Drill Seed Wheel Hoe.

Price: Complete, \$19.50.

No. 4D, Hill and Drill Seeder, same as above less the cultivating attachments. Price: \$15.50.

## No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.

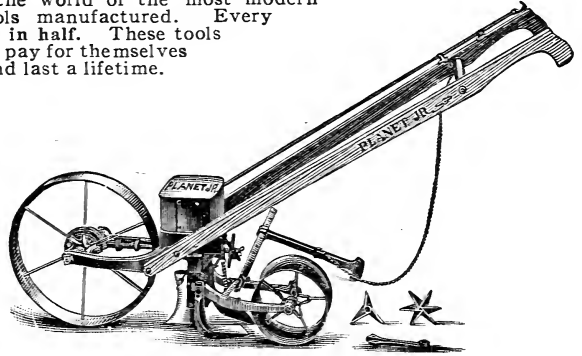


**A** SPLENDID combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe. No. 25, Price: Complete, \$23.00.

Standard No. 9 Combined Double and Single Wheel Hoe, Hill and Drill Seeder.



**H**ERE is a complete machine. Simplest to change from one style to another. No other make like it. It has come to stay. We recommend the Standard as always giving good results. You have three separate machines in this one only. Price: \$16.00.



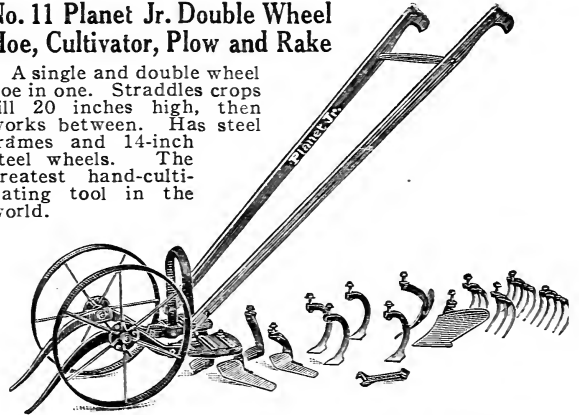
## No. 3 Planet Jr. Hill and Drill Seeder.

**A** FAVORITE among onion-growers, market-gardeners. The hill dropping is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart.

15-inch Steel Drive Wheel. Holds 3 Quarts of Seed. Weight, packed, 44 lbs. Price: \$18.50.

## No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

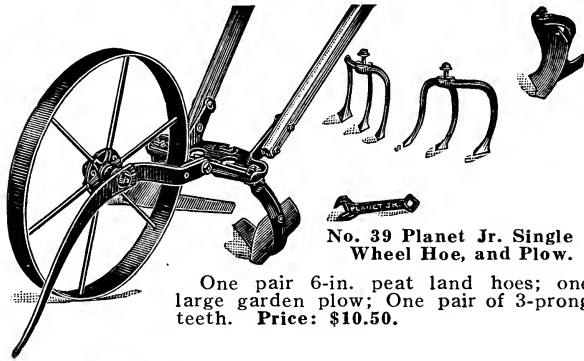


No. 11 Planet Jr. Cultivator—Price: \$16.00.



**No. 13 Planet Jr. Double and Single Wheel Hoe Combined**—One pair of 6-inch hoes, oil tempered. Steel frame, 14-inch steel wheels. Packed, weight, 28 lbs. Price: \$9.00.

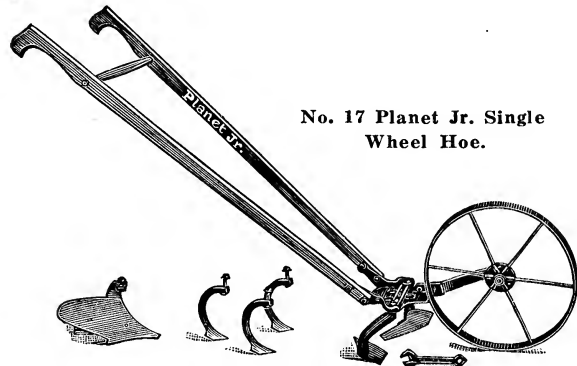
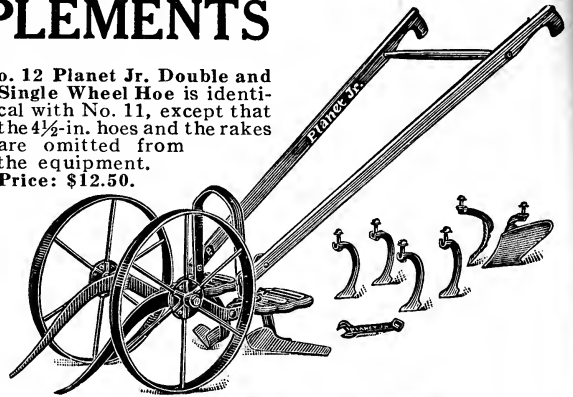
# GARDEN IMPLEMENTS



No. 39 Planet Jr. Single Wheel Hoe, and Plow.

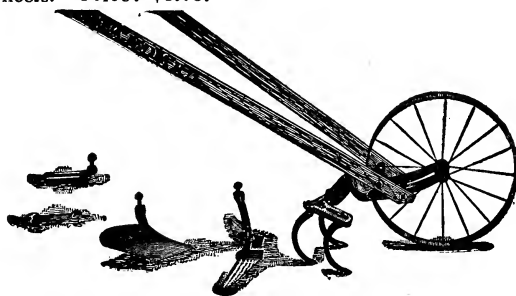
One pair 6-in. peat land hoes; one large garden plow; One pair of 3-prong teeth. Price: \$10.50.

No. 12 Planet Jr. Double and Single Wheel Hoe is identical with No. 11, except that the 4½-in. hoes and the rakes are omitted from the equipment. Price: \$12.50.



No. 17 Planet Jr. Single Wheel Hoe.

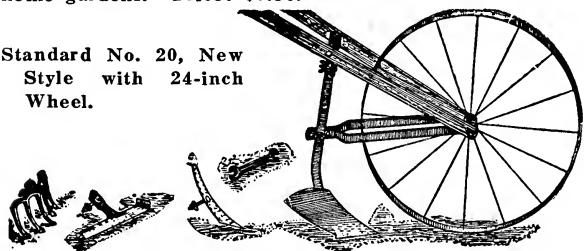
These Single Wheel Hoes have steel frames and 15-inch steel wheels. Price: \$8.75.



Standard No. 22, Single Wheel Hoe.

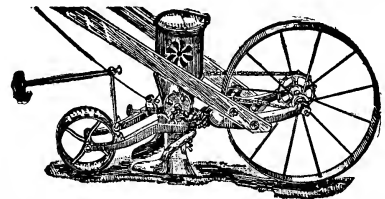
A SINGLE wheel hoe, but can be used astride the row as well as for between rows. Very light running on account of good-sized wheel. Fine for small home gardens. Price: \$7.50.

Standard No. 20, New Style with 24-inch Wheel.



THIS machine is made to use where a cheaper one is desired, such as in home gardens and for the market gardener to use in cultivating crops of larger vegetables. It is strong and durable, is adjustable in height by loosening a thumb nut. We recommend this for the price. Price: \$5.00.

Standard No. 4, Single and Double Wheel Hoe, Both in One. OF ALL labor-saving tools, this cannot be surpassed. Can be changed from one to the other in a few seconds, thereby saves buying two separate machines when you don't have work for both at same time. Frame all malleable iron attachments, with steel shovels. Price: \$11.25.



The Standard No. 25—Hill and Drill Seeder. THIS drill is perfect in construction, is light but strong and well balanced. Will sow any kind of garden seed, either in hills 4, 6, 8, 12, 24 inches apart in the row, or in continuous drill. Has revolving agitator, will not clog. It has 16-inch steel wheel with 1¼-inch tire; chain drive. Price: \$11.75.

Plow for Single Wheel Hoe. Price: Each, \$1.50.

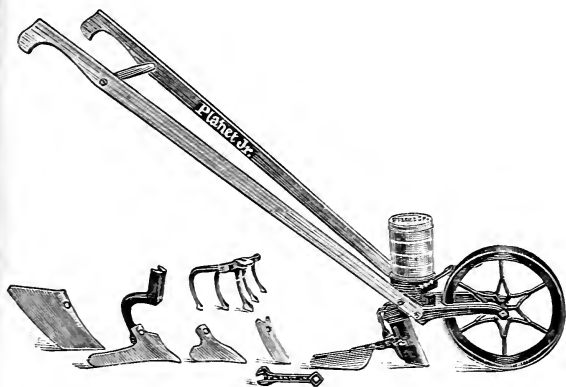
C & D Hoes. Price: 7-in. Blade, Pair, \$1.50.

Three-Prong Cultivator Teeth. Price: Each, \$1.00.

Cultivator Teeth. Price: Each, 40c.

Rakes. Price: Each, 3 tooth, 60c; 5 tooth, 75c; 7 tooth, 90c.

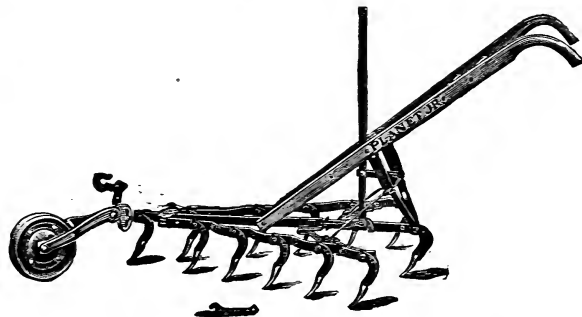
Disc Hoes. Price: Pair \$3.50.



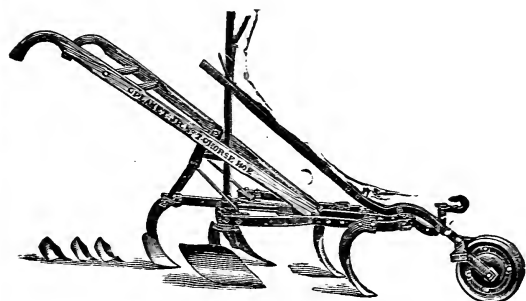
No. 31 Planet Jr. Drill Seeder and Wheel Hoe.

## No. 31 PLANET JR.

**A** COMBINED tool of great merit—a seed drill and wheel hoe that every gardener should have. Equipped with large garden plow, 5-inch sweep, 10-inch sweep, 2-inch cultivator tooth and 5-prong cultivating attachment. Seed drill easily removed if use is wanted as cultivator or plow. Price: \$10.50.



No. 91 Planet Jr. Twelve Tooth Harrow.



No. 7 Planet Jr. Horse Hoe.

## No. 7 PLANET JR. HORSE HOE

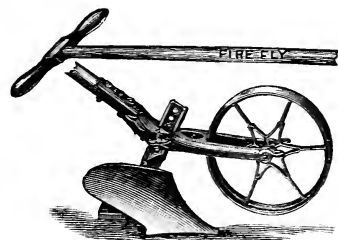
**T**HIS style is a great favorite, being complete and easily operated. The tool is especially strong and built for long service. Cuts the surface weeds away close to the rows without endangering the roots of the crop and the rear tooth returns the dirt toward the row. Fully equipped for fine work. Price: \$19.00.

## FIREFLY GARDEN PLOW

**E**XCEEDINGLY useful to owners of small gardens, throwing a furrow four to six inches wide and one to three inches deep. This tool will enable a busy man to do all his garden work in a few minutes. Fine for scratching up the chicken yard. Price: \$4.00.

## STAR PULVERIZER, LEVELER AND WEEDER

**E**SPECIALLY adapted for preparing the seed bed. After the ground has been plowed, you can easily put it in the best shape with this pulverizer which does much better work than a rake. It is a great tool for the small garden. Price: \$6.00.

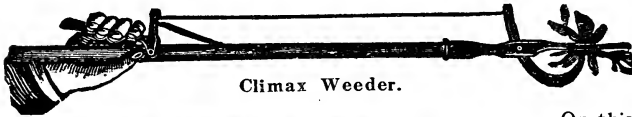


Firefly Garden Plow.



Star Pulverizer.

# GARDEN IMPLEMENTS



Climax Weeder.



Garden Hoe.



Potato Hook.



Spading Fork.



Garden Rake.



Rake.



Spade.



Turf Edger.



Asparagus Knife.



Acme Weeder or Hand Cultivator.

FOR the gardener, the proper tools are just as essential for the performance of their works as for any man.

On this and the following pages are listed tools of every description that will aid in better gardening. They are not novelties or playthings but real factors in the production of the best that is to be had from your work in the garden.

You will do well to look over these pages and we are sure that you will find many items that will be of service to you and easily pay for themselves within a short time.

**CLIMAX WEED PULLER**—A neat little tool, very much used by landscape gardeners and lawn-makers everywhere. For cutting out weeds, dandelions, etc. Price: Each, only 90c.

**GARDEN SET**—Three Pieces: Shovel 6x4½-inch blade, 42-inch handle; Hoe 4x3½-inch blade, 48-inch handle; Rake 5¼-inch head with six 2½-inch bent teeth. Price: \$1.75 per Set.

**GARDEN HOE**—Highest grade crucible forged steel, oil tempered polished blade. Price: \$1.00.

**POTATO HOOK**—Highest grade crucible forged steel tumbled finish prongs, oil tempered and carefully tested; bent head. Price: Each, \$1.15.

**SPADING FORK**—Four flat diamond back tumbled finished tines, 6¼ inches long; spread (extreme width) 6 inches; malleable D handle, with wood grip. Price: Each, \$1.25.

**GARDEN RAKE**—All steel, with short teeth, for walks and drive-ways. Price: 16 teeth, Each, \$1.25.

**ACME WEEDER OR HAND CULTIVATOR**—Combination hoe and cultivator combined. Made of solid steel. Price: Each, \$1.25.

**LAWN RAKE, OLE OLSON**—The wooden teeth in this rake are mortised through the head and clinched in a way that holds them absolutely tight and rigid. 26 Teeth, Price: Each, 90c.

**SPADE**—Is made from best tempered steel, fitted with select ash handles. Price: Each, \$1.75.

**TURF EDGER**—9-inch crucible steel polished blade, tempered and sharpened; gold bronzed solid steel socket; blade and socket in one piece; 4-foot selected ash handle. Price: Each, \$1.25.

**ASPARAGUS KNIFE**—Highest grade crucible steel, highly polished blade, 7¼ inches long; 1¼-inch blade, fastened by two rivets in highly polished hardwood handle. Price: Each, 60c.

**EVERYTHING FOR THE  
LAWN, FIELD AND GARDEN**

Prices of Implements subject to change without notice.

## GARDEN IMPLEMENTS—Continued

**E.Z. HAND WEEDER**—(See cut.) Price: Each, Style A, 25c; Style D, 40c.

**EXCELSIOR HAND WEEDER**—For weeding seed beds, stirring soil in hot beds, etc. Price: Each, 10c.

**FRUIT PICKERS**—Attach to pole of any desired length. Saves all climbing, especially on young trees. Price: Each, 60c.

**GARDEN DIBBLE**—All iron; is used for transplanting small plants. Has polished steel point. Price: Each, 35c; D Handle, 50c.

**GARDEN TROWEL**—4-inch, riveted handle. Price: Each, 20c.

**GARDEN TROWEL (Forged Steel)**—8-inch handle, best steel. Price: Each, 35c.

**GARDEN TROWEL (Forged Steel)**—Made of one piece of steel, they are strong and stout. For market gardeners' use they are the very best trowels. Price: 5-inch, 45c; 7-inch, 65c.

**TRANSPLANTING TROWELS**—Made of the same material as the above. Price: 5-inch, 20c; 7-inch, 30c.

**HAND SPADING FORK**—These forks are well made, the tines are polished about half-way and adjoining part enameled blue. Price: 11-inch, 40c.

**HAZELTINE'S HAND WEEDER**—One of the most useful garden tools made. Every owner of a garden should have one. Price: Each, 25c.

**LANG'S HAND WEEDER**—In our opinion this is the best of all weeders. Price: Each, 15c.

**HEDGE SHEARS**—8-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches. Price: \$2.00; 6-inch, \$1.35.

**PRUNING SHEARS**—Very strong steel blades and good spring. Price: Each, No. 100, \$1.00.



Orchard Pruning Saw.



Pruning Saw.



Corn Knife.

**LOPPING SHEARS**—Handles 20 inches long. For cutting heavy branches. Price: \$1.25.

**SHOVEL**—A handy tool for the garden. Price: \$1.75.

**WATER'S TREE PRUNERS**—The best Pruner on the market. Price: 8 ft., \$1.50; 10 ft., \$1.75; 12 ft., \$2.00.

**STEEL GRASS SHEARS**—For trimming edges on walks or borders. The best made. Price: Each, 75c.

**CORN KNIFE, CLIPPER**—Gold bronzed cast steel blade with polished cutting edge; 17 1/2 inches long; 1 1/4 inches wide; 5 1/2-inch waxed, natural finish swelled handle; steel ferrule; tang extends through handle and riveted at end. Price: 60c.

**CORN KNIFE, DISSTON**—Tempered, ground and polished cast steel blade; 15 gauge; 15 inches long, 3 inches wide at point; 8-inch riveted plain beech handle. Price: 75c.

**ORCHARD PRUNING SAW**—Hook and saw without pole; 10-inch slender tooth, crescent shaped, crucible steel saw; Japanned malleable iron hook and socket; 4 3/4 inches long; socket 1 1/8 inches inside diameter; steel knife with shank 5 inches long. Price: \$2.50.

**PRUNING SAW**—Highest grade crucible steel, polished and etched blade, with adjustable cherrywood handle. 14-inch blade. Price: \$1.25.

**HANGING BASKET WIRE**—Price: Each, 12-inch, 30c; 14-inch, 40c; 16-inch, 60c.



Hedge Shears.



Shovel.



Hand Spading Fork.



Lopping Shears.



Hazeltine's Hand Weeder.



Garden Trowels.



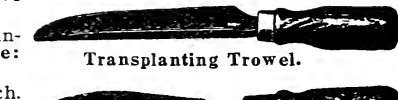
Garden Dibble.



Transplanting Trowel.



Garden Trowel, Forged Steel.



Pruning Shears.



Fruit Picker.



Garden Trowel.  
Long Handle, 8-inch.



Excelsior  
Hand Weeder.



Lang's Weeder.



Steel Grass Shears.

Prices of Implements Subject to  
Change Without Notice.

## GARDEN IMPLEMENTS—Continued

**CORN PLANTER**—The Eclipse Rotary has positive feed. Four changes of disc, (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to re-plant drilled corn. Price: Each, \$2.75.

**SPHAGNUM MOSS**—Extensively used for filling Fern and Orchid baskets, mixing with potting soil covering tops of pots to preserve moisture, etc. Price: Lb., 10c; Bale, about 30 Lbs., \$2.50.

**SHEET MOSS**—Used for lining hanging baskets; bunch enough for small basket, 20c.

**THE PULL EASY** is the best cultivator for the army of early risers, who faithfully tend a little patch of green things in the back yard. Every part is of the best material; the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white-ash. Price: Each, \$1.75.

**WHEELBARROW**—Painted red, seasoned hardwood frame and body; strongly braced front and legs; black painted steel wheel. Length of bed, 28 inches, depth, 12 inches; diameter of wheel, 18 inches; length overall, 63 inches. Price: \$6.50.

### CEDAR TREE TUBS

Made of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs.

	Diam.	Height	Price		Diam.	Height	Price
No. 1.	12 in.	10 ½ in.	\$2.00	No. 3 ½.	16 ½ in.	15 ¾ in.	\$3.75
No. 2.	13 in.	13 in.	2.50	No. 4.	19 ½ in.	17 in.	4.50
No. 3.	14 ½ in.	15 in.	3.00	No. 5.	22 ½ in.	18 ½ in.	5.50

### RICHMOND STYLE TREE TUBS

These Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops.

	Top Diam.	Depth	Price		Top Diam.	Depth	Price
No. 4B.	9 inch	9 inch	\$1.20	No. 6B.	11 inch	10 inch	\$1.60
No. 5B.	10 inch	9 inch	1.40	No. 7B.	12 inch	11 inch	2.00

### FLOWER POTS

We are headquarters for Flower Pots of every description. Send us your orders.

	Doz.	100		Each	Doz.
2 ½ inch.	\$0.20	\$1.50	7 inch.	\$0.10	\$1.25
3 inch.	.35	2.50	8 inch.	.15	1.40
4 inch.	.50	3.50	10 inch.	.40	4.00
5 inch.	.60	4.50	12 inch.	.50	5.50
6 inch.	1.10	7.50	14 inch.	.75	7.25

### SAUCERS

	Each	Doz.		Each	Doz.
4 inch.	\$0.03	\$0.25	8 inch.	\$0.10	\$1.10
5 inch.	.04	.40	10 inch.	.12	1.40
6 inch.	.05	.55	12 inch.	.20	2.00
7 inch.	.06	.70			

### BULB PANS

	Each	Doz.
6 inch.	\$0.08	\$0.85
8 inch.	.15	1.25

### FERN PANS

	Each	Doz.
6 inch.	\$0.08	\$0.85
8 inch.	.15	1.50

### PAPER FLOWER POTS

Are made of tough waterproof fiber paper, unbreakable and the best pot made for starting plants in hotbeds or greenhouses and for shipping and marketing.

	100	1000		100	1000
2 ½ inch.	\$0.85	\$8.00	4 inch.	\$1.50	\$14.25
3 inch.	1.00	9.50	5 inch.	2.75	26.00
3 ½ inch.	1.30	12.25			

### "FIBROTTA" PLANT TUB SAUCERS

These are strong and non-porous, do not leak like old style.

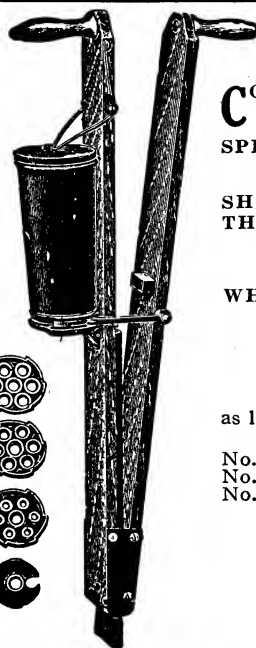
	Each		Each
6 inch diam.....	\$0.20	12 inch diam.....	\$0.55
8 inch diam.....	.25	14 inch diam.....	.60
9 inch diam.....	.30	16 inch diam.....	.90
10 inch diam.....	.50	18 inch diam.....	1.00

### IDEAL SELF-WATERING FLOWER BOXES

**THE IDEAL** Vacuum Flower Box has a double inner wall. The air space between the outer and inner walls keeps the inner wall cool, consequently the dirt will not dry out and the roots become baked.

Boxes 8 ¾ in. wide, 6 ½ in. deep. 24 in. long, \$1.90; 36 in. long, \$2.85; 48 in. long, \$3.80; 60 in. long, \$4.85.

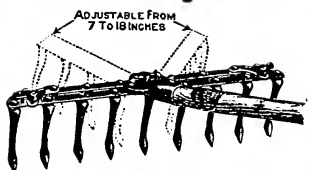
Prices on Steel Goods subject to change without notice.



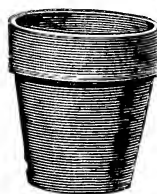
Corn Planter.



Wheelbarrow.



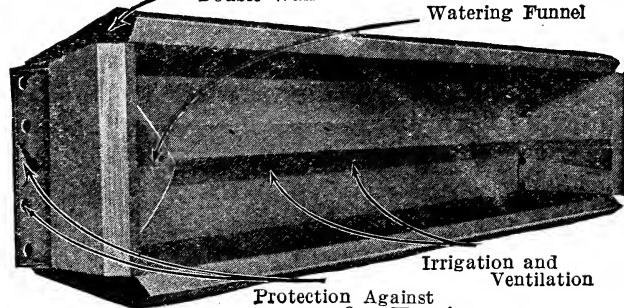
Pull Easy.



Flower Pot.

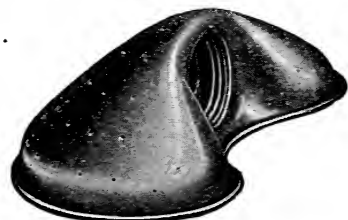


Plant Tub.  
Double Wall

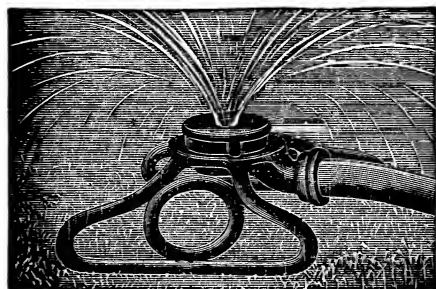


Watering Funnel

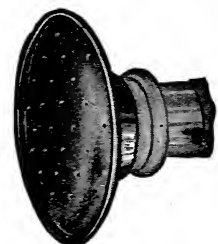
Irrigation and  
Ventilation  
Protection Against  
Over-Watering



Half-Circle Fountain.



Elgin Sprinkler.



Fountain Shower.



Dayton Rotary Sprinkler.  
Lawn Type.

## MISCELLANEOUS SUPPLIES

### GARDEN HOSE

**WE MAKE** a specialty of the very best garden hose. We do not handle a wrapped hose, only the best moulded hose is worth buying. The moulded hose will last for years after cheap wrapped hose is worn out.

**RAINBOW**—A moulded hose of the highest grade material,  $\frac{1}{2}$  inch; Price: less than 25 ft., 30c per foot, 25 ft., \$7.00; 50 ft., \$13.50; 100 ft., \$26.00;  $\frac{3}{4}$  inch, less than 25 ft., 34c per foot; 25 ft., \$8.00; 50 ft., \$15.50; 100 ft., \$30.00.

**GOODYEAR "WINGFOOT"**—Made in only one size,  $\frac{3}{8}$  inch, combines the merits of both the  $\frac{1}{2}$  inch and  $\frac{3}{4}$  inch size. Moulded hose of the very best materials. Price: less than 25 ft., 30c per ft.; 25 ft., \$7.00; 50 ft., \$13.50; 100 ft., \$26.00.

**WE COUPLE FREE OF CHARGE 25 FT. LENGTHS OR OVER.**

**HOSE REEL**—All iron. Green finish. It will save its price in the added life to your hose. A good hose should not lie around in the sun. Empty the water out of the hose and wrap it up. Capacity 100 ft. of  $\frac{3}{4}$  inch hose. Price: \$4.50.

**"PERFECT CLINCHING" HOSE MENDER**—The best mender on the market. Easy to put on and no danger of leaking. Price:  $\frac{1}{2}$  inch,  $\frac{3}{4}$  inch and  $\frac{5}{8}$  inch, 15c each. \$1.50 per doz.

**"PERFECT CLINCHING" HOSE COUPLING**—A self fastening coupling that does not require extra bands, bolts or wires. Price:  $\frac{1}{2}$  inch,  $\frac{3}{4}$  inch and  $\frac{5}{8}$  inch, 35c each.

**RUBBER HOSE WASHERS**— $\frac{3}{4}$  inch, per doz., 5c; 1 inch, per doz., 10c.

**ELGIN SPRINKLER**—Each year meets with a greater sale of these. Has iron stand which will slide over the grass. Nothing to get out of order. Price: 60c.

**CRESCENT FOUNTAIN SPRINKLER**—A combination of all of the good features of the various ring sprinklers. Price: 75c.

**HALF CIRCLE FOUNTAIN**—This is a brass sprinkler that can be easily moved about. Price, 60c.

**FOUNTAIN SHOWER**—(Used as a Hose Nozzle.) Made of polished brass, 2  $\frac{3}{4}$  inch in diameter. Has a mist-like spray. Price: 25c.

**HOSE NOZZLE**—A brass nozzle that can be regulated for a solid stream or a misty spray. Price: 85c.

**SCOLLAY PLANT SPRINKLER**—Made of the best rubber. Used for spraying house plants, Sprinkling clothes, etc. Price: \$1.50.

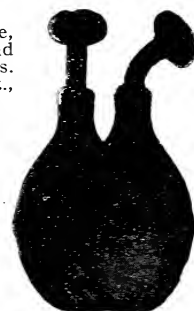
**SCOLLAY PUTTY BULB**—An excellent appliance for distributing putty. Used by many of the leading florists. Price: \$1.40.

**THE DAYTON ROTARY & OSCILLATING SPRINKLER**—The most practical, durable, efficient machine ever devised for sprinkling Lawns, Parks, Cemeteries, or Irrigating Truck Gardens.

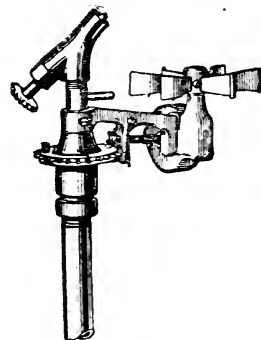
**IT MUST** be seen in action to be appreciated. Saves time, labor and hose-wear. It is the nearest approach to natural rain. All the parts of this irrigating machine are made of brass and aluminum (non-rusting and non-corroding metals). Price: Lawn Type, \$6.00 each. Truck Gardener Type, \$5.00 each. 12 for \$60.00.



No. 10  
Hose Reel.



Plant Sprinklers.



Dayton Sprinkler.  
Gardener Type.

## PLANT STAKES AND POT LABELS

Natural Cane Stakes			
6 ft., doz....	\$0.20	100....	\$1.50
8 ft., doz....	.35	100....	2.50

### PLANT STAKES—Bamboo Painted Green

1 ft., doz....	\$0.07	100....	\$0.60	3 ft., doz....	\$0.17	100....	\$1.00
1 ½ ft., doz....	.10	100....	.70	4 ft., doz....	.20	100....	1.15
2 ft., doz....	.15	100....	.95				

Dahlia Poles, Painted Green			
5 ft., doz....	\$1.40	100....	\$11.00
6 ft., doz....	\$1.50	100....	\$12.00

### POT LABELS

	Per 25	Per 100	Per 1000		Per 25	Per 100	Per 1000
4 inch....	\$0.05	\$0.20	\$1.75	8 inch....	\$0.10	\$0.35	\$3.00
5 inch....	.05	.25	2.00	12 inch....	.35	1.50	
6 inch....	.08	.30	2.50				

### WIRED TREE LABELS

3 ½ x ½ in., per 1000.....	\$2.75	5 x 1 ½ in., \$1.50 pkg. of 200.
----------------------------	--------	----------------------------------

## "ADJUSTO" PLANT SUPPORT

IT IS adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Gladiolus and Dahlias.

	Each	Doz.
1 ½ ft. Adjusto Supports .....	\$0.07	\$0.80
2 ft. Adjusto Supports .....	.10	1.00
3 ft. Adjusto Supports .....	.15	1.75
4 ft. Adjusto Supports .....	.18	2.00
5 ft. Adjusto Supports .....	.20	2.25

## THE SKINNER SYSTEM OF IRRIGATION

THE Skinner System was first given to the public in 1904, and since that time has come into more general use than all other methods of overhead irrigation.

### INSTALLATION OF THE SKINNER SYSTEM

INSTALL your nozzle line about 40 feet apart and drill holes for outdoor nozzles 30 inches apart on the nozzle line. Each stream will reach from 25 to 30 feet on either side of the line. To cover the whole area within reach the pipe must be turned occasionally, thereby changing the direction of the streams. This is done by means of a handle shown, which forms a part of the Skinner Union Tee strainer fitting.

We do not furnish the pipe, get same at your nearest dealer. Always use ¾ inch or 1 inch galvanized pipe with the Skinner System.

**SILVER STREAM NOZZLES**—Price: Each, 6c; \$6.00 per 100.

**GREENHOUSE NOZZLE**—Price: Each, 8 ½ c; \$8.50 per 100.

**SKINNER SYSTEM DRILLING MACHINE**—This machine is absolutely necessary to properly install the Skinner System of irrigation. With it is shipped one level, 3 tap drills and one nozzle wrench. Price: Type B, \$14.50.

**SKINNER SYSTEM UNIONS**—These unions should be placed at the head of each nozzle line. They permit of the easy rotation of the nozzle line, without leakage, and they are equipped with a filter. Price: 1 in., Each, \$2.25.

	Price: Each
Nozzle wrench for No. 2 outdoor .....	\$0.20
Nozzle wrench for Silver Stream .....	.20
Tap Drills for No. 2 Nozzles.....	.25
Tap Drills for Silver Stream.....	.35

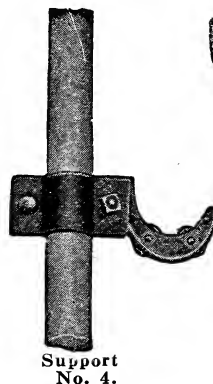
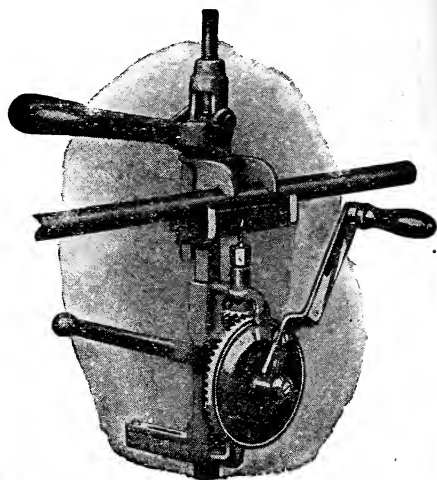
**No. 2 SUPPORT**—Suitable for inserting in top of upright pipe ¾ or 1 in. diameter. Will carry pipe of from ¾ to 2 in. diameter. Price: Each, 25c; \$23.00 per 100.

**No. 4 SUPPORT**—Suitable for clamping around upright pipe of from ¾ to 2 in. diameter. Price: ¾ to 1 inch, Each, 40c.

### LAWN MIST SECTIONAL SPRINKLER

THE fine mist-like spray of the "Lawn Mist" Sprinkler nozzle is produced by the greenhouse and lawn sprinkler patented by this company. It is the finest spray used in any form of watering. Price: 15 ft. Single Section, \$8.85.

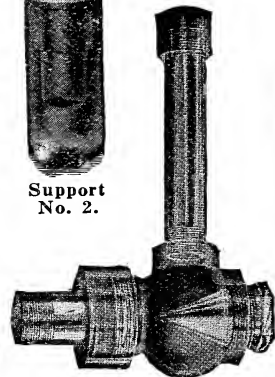
**THE PEACOCK STANDARD**—A fine sprinkler for Lawns and Golf courses. Price: 12 ½ ft. Peacock, \$13.75. Price: 7 ½ ft. Peacock Jr., \$8.25.



Greenhouse Nozzles.



Silver Stream Nozzles.



Skinner Unions.



Skinner System for the Truck Grower.

## FERTILIZERS

FOR LAWN, GARDEN, FIELD AND HOUSE PLANTS  
A NECESSITY TO ALL GROWING PLANTS

Pulverized  
Sheep  
Manure  
put up for  
St. Louis  
Seed Co.

**A**LL CULTIVATED soils require fertilizing from time to time to replace the vital growing forces and power which each succeeding crop removes in its development and maturity. Unless this is done it is only a matter of time when even rich and fertile soil will fail to be productive.

Farms, Gardens, Lawns and Flower Beds always should be given a dressing of fertilizer each season before planting. Mother Earth needs food to produce good crops, the same as a human being requires food to be strong and healthy.

Pulverized  
Cattle  
Manure  
put up for  
St. Louis  
Seed Co.

### PULVERIZED SHEEP MANURE

**T**HIS is a high grade of Fertilizer and is especially adapted for Gardens and Lawns. No better manure can be secured. It is selected from the accumulation in the Western Sheep Feeding Stations where thousands of sheep are confined in pens to be fattened for market.

This manure is gathered from the pens, shipped to the reduction plant, and then is immediately dried by a special direct heat process, which destroys any weed or seed it may contain. It is then screened free from rough bedding and uniformly pulverized into the most concentrated form for general use. In landscape work, for gardens and lawns, there is no equal.

For New Lawns use 100 lbs. to 1000 square feet.  
For Old Lawns, as a top dressing, use 50 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.

For Mixing Potting Soil, use 1 qt. to 20 qts. of earth.  
Price: 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., \$1.00; 50 Lbs., \$1.40; 100 Lbs., \$2.50; 500 Lbs., \$11.50.  
Special Price on Ton Lots.

### PULVERIZED CATTLE MANURE

**I**T IS especially adapted for grain crops and garden use on crops like Potatoes, Corn and Wheat. This manure is pulverized and dried and is free from weed seeds. It can be drilled with any farm seed drill. One hundred pounds will equal one load of stable manure.

For Grain Crops use 1000 lbs. to the acre. Put up in 25-lb., 50-lb. and 100-lb. bags.  
Price: 25 Lbs., \$1.00; 50 Lbs., \$1.40; 100 Lbs., \$2.50; 500 Lbs., \$9.50. Special Price on Ton Lots.

### HUMUS

**H**UMUS is dry, thoroughly pulverized, odorless and clean to handle and apply, and absolutely free from weed growth. For Flower and Vegetable Garden, apply at rate of ½ to 2 inches deep and fork it well in the soil. 100 Lb. bag, \$1.75.

### ST. L. S. CO.'S EXCELSIOR PLANT FOOD

**I**T WILL make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. Price: Small size, 20c; Large size, 35c.

### RED SNAPPER PLANT FOOD

**A**RICH, nutritious fertilizer for house plants and flower gardens. Unequaled for ferns. Price: Small size, 25c; Large size, 50c.

### LIME FERTILE

**U**SED as a fertilizer for gardens and lawns. Does not burn out the grass or sod. It is excellent to produce luxuriant growth on bare spots in the lawn. Price: 5 Lbs., 35c.

### NITRO FERTILE

**A**N ODORLESS liquid fertilizer. Used for flowers and house plants, lawns, vegetables and shrubbery. One pint makes 15 gallons fertilizer. Price: ½ Pt., 35c; 1 Pt., 60c; Qt., \$1.00.

### BONE MEAL

**B**ONE-MEAL is used for top dressing for lawns, meadows, vegetable gardens and flowers. It carries Ammonia and Phosphoric Acid and may be applied at any time of the year. Bone-Meal continues to feed the soil for ten months and its effect is plainly apparent upon land for years.

For Top Dressing on Lawns use 50 lbs. to 1000 square feet.

For making New Lawns use 75 lbs. to 1000 square feet.

For Grain Crops, 600 lbs. to the acre.

For Mixing Potting Soil, 2 lbs. to 20 qts. of earth.

Price: 5 Lbs., 35c; 10 Lbs., 60c; 25 Lbs., \$1.25; 50 Lbs., \$2.00; 125 Lbs., \$4.00; 500 Lbs., \$15.00.

### HYDRATED LIME

**A** number of lawns in the city are in a very bad state, because of the constant use of the hose in the summer time, which results in an acid or sour soil, that will not grow anything but weeds and water grass, no matter how rich it may be. To correct this acidity, lime is required, and where surface application is made Hydrated Lime should be sprinkled very lightly over the ground at two or three different times in season, about 40 lbs. to 1500 square feet. Price: 10 Lbs., 30c; 50 Lb. bag, 85c; 5 bags, \$4.00.

### NITRATE OF SODA

**N**ITRATE of Soda carries nothing but Ammonia. It is highly stimulating and produces rank growth and dark green foliage. On grass or other vegetation it is visible in a few days after application. It is claimed that crops like Cabbage, Lettuce, and Onions mature fully two weeks earlier than usual when Nitrate of Soda has been used on same.

For Vegetables use 300 lbs. to the acre.

For Lawns and Potted Plants use in liquid form, 1 lb. to 25 gallons of water.

Price: Lb., 15c; 10 Lbs., \$1.25; 50 Lbs., \$5.00.

## Mulford Cultures

**M**ULFORD Cultures are supplies for all Legumes. Specify crop you intend to inoculate when ordering.

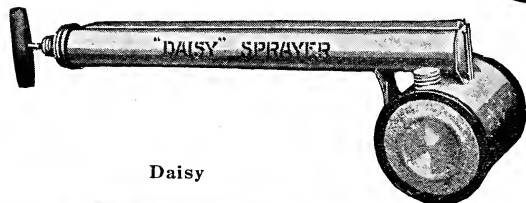
Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) \$0.25  
5-Acre Size ("Dollar per Acre")..... 5.00  
1-Acre Size..... 1.50  
¼-Acre Size..... .50

## SPRAYERS THAT SPRAY



**T**HE many advantages due to proper spraying are so numerous that they cannot be told here.

Everybody knows that in the garden, the orchard and the poultry house, spraying returns a profit that far exceeds any on so small an investment and short time necessary to spray. Bigger crops and better fruit are one of the few results and by producing such crops you can expect to make your orchard pay.



Daisy

We can supply you with any kind of a sprayer from the small tin atomizer to the large power spray. Let us know your needs in the sprayer line and we are sure that we can supply you with what you need.

**NEW MISTY**—The popular tin atomizer designed for insecticides, disinfectants. Especially useful for the small garden and the flower garden, or for house plants. **Price: 1 qt. size, 50c.**

**DAISY DOUBLE-ACTING ATOMIZERS**—Sprays with both ways of the stroke and either up or down. Made with galvanized tank, which holds 1 quart of spray. For general use around the garden, we highly recommend the "Daisy." It is particularly adapted to the garden or greenhouse and also for spraying cattle. **Price: 85c.**

**UTILITY No. 35**—A very convenient outfit for general use as all-around utility sprayer it cannot be beaten and for garden or greenhouse it is equally serviceable. Strongly constructed with half-gallon reservoir. **Price: \$1.00.**

### COMPRESSED AIR SPRAYERS

**"EASY" SPRAYER**—A compressed air sprayer, larger than the hand atomizer and smaller than the regular compressed air sprayers. Capacity of tank, 1 gallon. Equipped with automatic shut off nozzle and works on the same principle as the other compressed air-types. Weight 3 lbs. An ideal sprayer for garden or poultry house. **Price: \$3.00.**

### AUTO-COMPRESSED AIR SPRAYERS

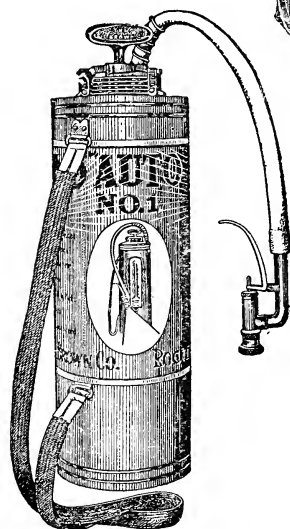
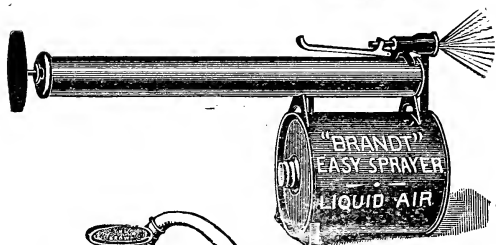
**C**ONSISTS of a solution tank, holding about 4 gallons. The tank is made of galvanized steel or heavy brass. A brass air pump is located inside the solution tank, protected from injury and is provided with our cam-locking device which closes the filler opening air tight with a half-turn of the wrist. The entire machine is made without screws or bolts and no tools of any kind are required to take it apart.

**To Operate**—Remove pump with a half turn, fill tank two-thirds full of solution, replace pump and with a few strokes compress air on solution. Then direct the spray.

Two Pumpings will discharge the contents. **Price: No. 1-D, Galvanized, \$8.00; No. 1-B, Brass, \$10.50.**

### PERFECTION COMPRESSED AIR SPRAYERS

**M**ADE on the same principle as the Auto-Spray, with the exception that the galvanized Perfection is heavier built than the galvanized Auto-Spray. **Price: Galvanized, \$8.50; Brass, \$10.50.**



# SPRAYERS

## BUCKET PUMP SPRAYERS

**B**UCKET PUMPS can be used for spraying or white-washing. They are easily cleaned by pumping a bucket of clean water through them. They are the most satisfactory pumps for the poultry man or small orchardist.

**DEMING PRIZE BUCKET PUMP**—All working parts brass, the valves are bronze balls in brass cages. The foot rest is of malleable iron and clamps to the cylinder of pump. Will fit any bucket or tub. Shipping weight is 8 lbs. **Price: \$6.00.**

**DEMING "SUCCESS" BUCKET SPRAYER**—Undoubtedly the most popular bucket spray pump on the market. Its large brass air chamber causes it to throw a uniform stream. Working parts and cylinder are brass. Nothing to corrode. The solid brass ball valves are non-chokable, adjustable foot rest. An easy working, powerful pump that will last a lifetime, if given reasonable care. Can be used for white-wash. Comes with 3 ft. of  $\frac{3}{8}$ -in. hose and Bordeaux Nozzle. Shipping weight 10 lbs. **Price: \$7.50.**

**DEMING "PERFECT SUCCESS" BUCKET SPRAYER**—The same working parts as the "Success", the advantage being in the foot-rest which can be clamped to the bucket and rigidly fastened so that the whole outfit can be carried from place to place by the handle when the bucket is filled with mixture. The "Perfect Success" comes with 4 ft. of  $\frac{3}{8}$ -in. discharge hose and Bordeaux Nozzle. Shipping weight 12 lbs. **Price: \$8.25.**

**MYER'S "LITTLE GIANT" BUCKET PUMP**—Will throw a spray over 40 ft. Has brass ball plunger and brass ball valves. A small jet of water keeps the solution mixed and agitated. Comes with hose, imperial and straight stream nozzles. **Price: \$5.00.**

**MYER'S "DEFIANCE" DOUBLE ACTING BUCKET PUMP**—Made entirely of brass except handle and foot-rest. Has brass ball valves and discharge hose. Has air-chamber on side. Complete with hose and graduating Vermorel and solid stream nozzles. Will handle white-wash and heavy insecticides. **Price: \$7.75.**

**MYER'S R324 LEVER BUCKET PUMP**—This pump has 1½-in. diameter brass cylinder, with solid plunger; brass ball valves; brass air chamber and discharge hose. Has patent jet agitator which keeps solution mixed. Has patented cog-gear handle, which, with the large cylinder, makes this an exceptionally easy working pump of more than ordinary capacity. Complete with Vermorel and straight stream nozzles and hose. **Price: \$8.50.**

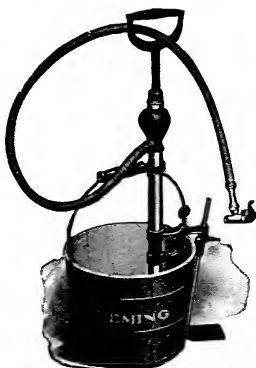
Myers Cog Gear  
Bucket Spray Pump.



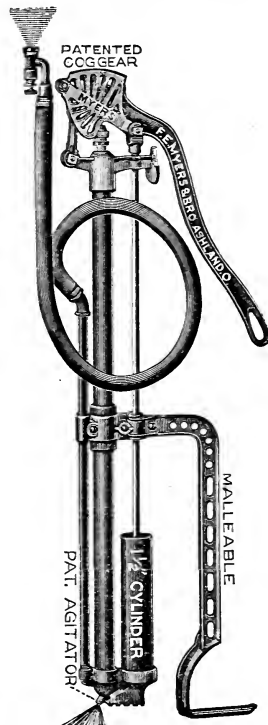
Defiance.



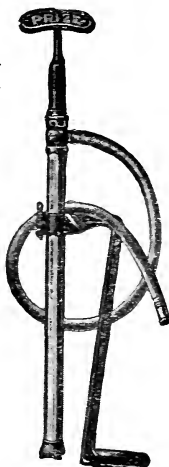
Little Giant.



Perfect Success.



No. R324.

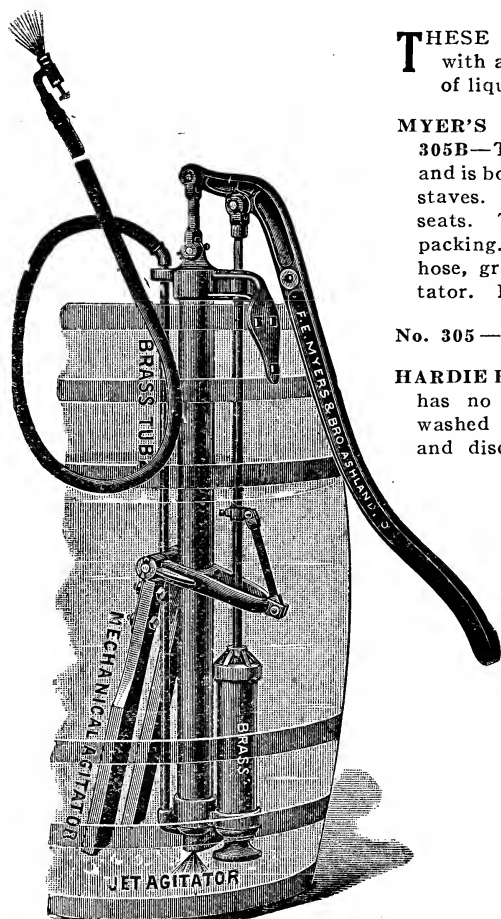


Deming Prize.

WRITE FOR OUR FRUITMAN'S CATALOG. SPRING PRICES ON  
INSECTICIDES QUOTED. READY FOR MAILING ABOUT MARCH 1, 1920

# SPRAYERS

## BARREL PUMPS AND PORTABLE SPRAYERS



Myer's Brass Barrel Sprayer No. 305 1/2.

**T**HESE pumps are fitted on barrels or come with a cart. They can be used for any kind of liquid or whitewash.

**MYER'S BRASS BARREL SPRAYER, No. 305B**—The entire pump sets inside the barrel and is bolted fast at its upper end to the barrel staves. Has bronze ball valves and brass seats. The plunger is brass fitted with hemp packing. Is fitted with 15 ft. 5 ply discharge hose, graduating Vermorel Nozzle and Agitator. Price: \$17.00.

No. 305—Without mechanical agitator, \$16.00.

**HARDIE BARREL PUMP No. 6**—The "Hardie" has no stuffing boxes, leather or rubber washed to give trouble. The plunger, suction and discharge tubes are of heavy seamless

brass. The valves are brass balls contained in a brass cage. Is fitted with 1 discharge hose 15 ft. long with Vermorel Nozzle. Also has coupling for 2 leads of discharge hose. This pump is good for the largest poultry house or orchard. Price: \$18.00.

**DEMINGS "MAJOR" BARREL PUMP**—Very compact, durable and efficient. Has 2 in. brass tube cylinder with brass plunger brass ball valves, seat and cage. Clamps on chime of barrel and has anchor at bottom of barrel, making it very rigid. Twin paddle agitator. The submerged cylinder is always primed. By removing two bolts, both suction and discharge valves may be taken out for examination or repairs. Complete with 12 1/2 ft. section 1/2 in. hose, couplings and Vermorel Nozzle. Weight, 50 lbs. Price: \$17.50.

**DEMING "CENTURY" BARREL PUMP**—Generally conceded to be the best all-around barrel sprayer. Pump sets low in barrel. The iron base for mounting pump on head of barrel is adjustable. Brass tube cylinder, brass ball valves cage and seat. Valve chambers bolted and easily removed. Diameter of cylinder 2 1/2 in., Stroke 4 in. Complete with 12 1/2 ft. section 1/2 in. hose, agitator, couplings and Vermorel Nozzle. Price: \$20.00.

**DEMINGS "GARDENERS CHOICE SPRAYER"**—One of the most convenient out-fits for general use. Twenty four gallon wood tank with steel hoops and hinged wood top; leg, tongue and handle of wrought iron; metal wheel, diameter 24 in. with staggard spokes and 2 in. tires. The pump has 1 3/4 in. brass cylinder, brass ball valves with brass seat and cage, and brass plunger. Comes fitted with 6 ft. of 1/2 in. hose and Bordeaux Nozzle. Shipping weight, including cart when crated 120 lbs. Price: \$30.50.

**MYER'S PORTABLE SPRAYER No. R. 366B**—Made of extra heavy galvanized iron. Capacity, 12 1/2 gal. The pump cylinder is 2 in. in diameter, has bronze ball valves and brass seats. Has patented cog-gear handle which reduces labor one-third. Complete with patent dash agitator, 15 ft. of 1/2 in. 5 ply hose, 8 ft. iron extension, and Vermorel Nozzle. Price: \$32.00.



Gardener's Choice Spray Outfit.

WRITE FOR OUR FRUITMAN'S CATALOG.  
SPRING PRICES ON INSECTICIDES QUOTED.  
READY FOR MAILING ABOUT MARCH 1ST, 1920.

# SPRAYERS—Continued

## DUST SPRAYERS

**BELLOWS**—An economical way of applying slugshot, gardite, sulphur or grape-dust. For use among bushes it is ideal, as the nozzle can be inserted into the diseased portion of a bush, reaching any worm that may be on the center leaves or branches. Small size, 5 in. diameter, \$3.00; Large size, 8 in. diameter, \$5.00.

**D. & B. DRY POWDER BLOWER**—Used for slugshot, gardite, powdered arsenate of lead, paris green, sulphur, etc. Holds over a quart of powder. Made of heavy tin. The spray is blown out by a fan operated with gear wheels, which are machine cut and therefore run smooth and easy. An agitator provides a constant flow of powder, with a gauge regulating the amount of powder to be used. Will cover two rows at the will of operator. Can also be used for tree spraying by connecting tubes. Price: \$10.00.

## EXTRA PARTS FOR SPRAYERS

### SPRAY NOZZLES

**A**LL fruit growers rightly contend that the nozzle is the most important part of the spraying outfit. It must be arranged to throw a mist and not drops. It is also a fact that more harm is done by using Sprinkling Nozzles than if no spraying were done at all. By putting on too much material you damage the foliage. The best results are obtained by covering the entire surface and with just as little in one place as possible.

	Price
Fig. 1019 Bordeaux Nozzle	\$1.25
Fig. 1563 Vermorel Nozzle	1.00
Fig. 642 Imperial Nozzle	.50
Fig. 548 Spray Nozzle	.50
Fig. 550 Cyclone Nozzle	.50
Fig. 549 Male End	.40
Fig. 1091 Female End	.40
Fig. 1279 Y	.75
Fig. 1380 Bend	.45
Fig. 1281 Stop Cock	1.00

**PLUNGER WASHERS** for Myers Little Giant and Lever Bucket Pump—Price: Each, 10c.

**BAMBOO EXTENSION RODS**—8 feet long. Price: Each, \$4.00; with stop-cock, \$4.75.

**EXTENSION PIPES**—Iron, 4 feet. Price: 35c each.

### EXTRAS FOR AUTO SPRAYERS.

	Price
Auto-Pop Nozzles	\$1.75
Auto-Pop Nozzles, with hose	2.50
Extension Pipe, brass, 2-foot length	.70
Brass Elbow Extension	.35

## RAFFIA

**W**E WILL furnish you the finest quality of Raffia on the market in different colors. The natural Raffia is also used for tying up plants in field or greenhouse. Price: Natural, Lb., \$1.00; Bunch, 10c; Colored, skein, 20c; Lb., \$1.50. Postage extra.

## REED

Used for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

No. 1	1 Roll, \$0.15	1 lb., \$1.50
No. 2	1 Roll, .15	1 lb., 1.50
No. 3	1 Roll, .15	1 lb., 1.50
No. 4	1 Roll, .15	1 lb., 1.35
No. 5	1 Roll, .15	1 lb., 1.35
No. 6	1 Roll, .15	1 lb., 1.35

Postage Extra.



Fig. 1563 Vermorel Nozzle.

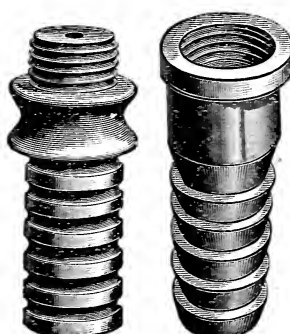


Fig. 549 Male End. Fig. 1091 Female End.

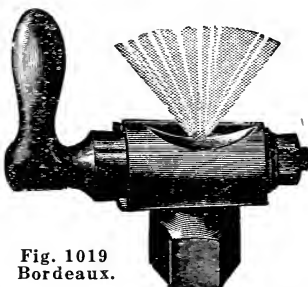


Fig. 1019 Bordeaux.



Fig. 642 Imperial.



Fig. 1279.

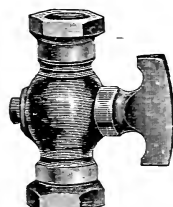


Fig. 1281.



Fig. 548.



Fig. 1380. Bend.

# INSECTICIDES AND FUNGICIDES

Insecticides and Fungicides marked \* can be sent Parcel Post at Purchaser's expense. Consult your local Post Office for rate from St. Louis. Sorts not marked can not be sent by mail.

## SAVE YOUR CROP BY SPRAYING WITH OUR INSECTICIDES



**APHINE**—Destroys green, black, and white fly, red spider, thrips, mealy bug, brown and white scale slugs, plant lice, effectively, without injury to the foliage. Price:  $\frac{1}{2}$  Pt., 40c; Pt., 65c; Qt. \$1.00; Gal., \$3.00.

\***APHIS PUNK** (40% strength for fumigating)—An inexpensive method of keeping a greenhouse or conservatory free from APHIS, thrip and other parasites. It vaporizes the nicotine evenly and economically. Price: box of 12 rolls, 75c; per case of 12 boxes, \$8.50.

†**\*ARSENATE OF LEAD POWDER (Key-Brand)**—Preferable to Paris Green. Can be used on Stone-Fruits. It sticks well to the foliage and does not burn. Used for caterpillars and chewing insects. As it shows white one can readily see what has been sprayed. The powder is easier to handle than the paste. Use  $\frac{1}{2}$  oz. per gallon of water. Two lbs. to 50 gallons of water. Price:  $\frac{1}{2}$  lb. 35c; 1 lb., 65c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$12.00; 50 lbs., \$22.00; 100 lbs., \$39.00.



†**ARSENATE OF LEAD PASTE**—Has the same effect as the powder. Use 1 oz. to 1 gallon; 4 lbs. to 50 gallons, of water. Price: 1 lb. 40c; 5 lbs., \$1.70; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$12.00.

†**\*ARSENATE OF CALCIUM**—Especially well adapted to killing potato bugs. It comes in powder form, shows white and will not burn. Price:  $\frac{1}{2}$  lb., 30c; 1 lb., 55c; 5 lbs., \$2.25.



†**\*BORDEAUX MIXTURE POWDER (Key-Brand)**—For blight, mildew, rust and fungus diseases. For ordinary use it takes 6 lbs. to 50 gallons of water; for peach trees and trees with tender foliage use 6 lbs. to 65 to 75 gallons of water. Price:  $\frac{1}{2}$  lb., 25c; 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75; 25 lbs., \$7.75.



†**BORDEAUX MIXTURE PASTE (Key-Brand)**—Has the same effect as the powder. Use 11 lbs. to 50 gallons of water for ordinary use. For peach trees and trees with tender foliage use 11 lbs. in 65 to 75 gallons of water. Price: 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.



†**\*BORDO LEAD POWDER (Key-Cide)**—Combined insecticide and fungicide. In one operation it kills chewing insects and prevents blight rot, mildew and fungus. Can be used for dry dusting or wet spraying. Best complete spray for gardens. 1 lb. makes 7 gallons. Price:  $\frac{1}{2}$  lb., 35c; 1 lb., 65c; 5 lbs., \$3.00.

†**BORDO LEAD PASTE (Key-Brand)**—Has same effect as Bordo Lead Powder. 1 lb. makes  $3\frac{1}{2}$  gallons of spray. Price: 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75.

PRICES ON ITEMS MARKED † ARE SUBJECT TO CHANGE. FOR SPRING PRICES, WRITE FOR OUR "FRUITMAN'S GUIDE," READY ABOUT MARCH 1, 1920.



# INSECTICIDES AND FUNGICIDES

Insecticides and Fungicides marked \* can be sent by Parcel Post at Purchaser's expense. Consult your local Post Office for rate from St. Louis. Sorts not marked can not be sent by mail.



## SAVE YOUR CROP BY SPRAYING WITH OUR INSECTICIDES

**BORER OIL**—A few drops of this oil squirted into the tunnels made by round or flat head borers will usually stop their work. An ordinary oil can is excellent for applying. When you see the fine sawdust signs of borers at the tree base, treatment should be commenced at once. **Price: 1 pt. cans, 35c.**

**BOROWAX**—Borowax is a preventive against the ravages of the borer; the worst enemy of the peach. It is absolutely harmless to the tree. Can also be used as a paint to prevent injury by rabbits or mice. **Price: Qt., 35c; ½ gal., 60c; 1 gal., \$1.00.**

\***CUT WORM KILLER (Key-Brand)**—For use as poison bait against Cut-Worms and slugs. Cut worms prefer the bait to the plant. Place around plants subject to attack. **Price: 1 lb., 35c; 5 lbs., \$1.50.**

\***FISH OIL SOAP**—Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice. Also used as a spreader for nicotine sprays. **Price: Carton, 25c; 5 lbs., 75c.**

\***FLOWERS OF SULPHUR**—Used to check mildew and fungus diseases. **Price: 1 lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.50.**

†**FUNGI BORDO**—A powdered fungicide. Can be used for dusting or spraying. **Price: 1 lb., 40c; 5 lbs., \$1.75.**

**FUNGINE**—A fungicide that does not discolor the foliage. Use for mildew, rust, bench rot and other fungi. A safe and clean fungicide that is easily applied. **Price: Pt., 65c; qt., \$1.00; gal., \$3.00.**

\***GARDITE**—A powder that is applied when dew is on the leaves. Used for cabbage worms, cucumbers, and all garden truck. **Price: 1 lb., 35c; 5 lbs., \$1.00.**

\***GRAPE DUST (Hammond's)**—Used as a dust to check mildew, dry rot and other fungi. **Price: 1 lb., 20c; 5 lbs., 75c.**

\***GRAFTING WAX**—Used for grafting. Also good to rub over any wounds that are made on the bark or in pruning. **Price: ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c.**

\***HELLEBORE**—Used for worms on currants and gooseberries. Use 1 oz. to 1 gallon of water. **Price: ¼ lb. 25c; ½ lb. 40c; 1 lb., 75c; 5 lbs., \$3.25.**

**KEROSENE MISCIBLE OIL (Key-Brand)**—Valuable against all soft-bodied insects. Can be used wherever nicotine is used. **Price: 1 pt., 45c; 1 qt., 75c; 1 gal., \$1.75.**



PRICES ON ITEMS MARKED † ARE SUBJECT TO CHANGE. WRITE FOR "FRUITMAN'S GUIDE" FOR SPRING PRICES. READY ABOUT MARCH 1, 1920.



# INSECTICIDES AND FUNGICIDES

Insecticides and Fungicides marked \* can be sent by Parcel Post at Purchaser's expense. Consult your local Post Office for rate from St. Louis. Sorts not marked can not be sent by mail.

## SAVE YOUR CROP BY SPRAYING WITH OUR INSECTICIDES

\*†**LIME SULPHUR POWDER**—Used as a dormant spray against scale insects. Has certain fungicidal properties. Use 10 to 12 lbs. to 50 gallons of water. As summer spray, use 2 lbs. to 50 gallons of water. Price: 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.75.

†**LIME SULPHUR (Liquid)**—Has same effect as the powder. Protect the hands with gloves when applying. Dilute with 10 parts of water. For summer spray dilute with 40 parts of water. Write for Price and Spray Calendar.

**NIKOTEEN (30%)**—An economical and powerful nicotine extract. Death to Aphis or Green Fly, Spider, Mealy Bug, Thrip and many other forms of flower, fruit and vegetable lice. Price: Small bottles, 35c and 60c; ½ lb., \$1.10; 1 lb., \$2.00; 4 lbs., \$7.00; 8 lbs., \$13.00; (40% strength) 4 lbs., \$8.50; 8 lbs., \$16.00.

\***TREE PAINT (Pine Tar)**—For painting on wounds after pruning. Price: 1 pt., 30c; 1 qt., 50c; 1 gal., \$1.75.

**SCALE DESTROYER (Target Brand)**—Dormant spray for San Jose and Oyster Shell Scale. Most effective for leaf roller. Use for tree infesting scale and soft-bodied insects. No disagreeable odor, no clogging of nozzle or burning the eyes like Lime Sulphur. Use either in spring or fall. Mixes easily, has no sediment. Spreads and creeps into crevices of rough bark. Dilute 1 gal. to 20 gal. of water. Price: 1 qt., 65c; 1 gal., \$1.50; 5 gals., \$6.50; 10 gals., \$12.00; 30 gals., \$27.00.

**SCALECIDE**—A dormant spray for scale. Mix 1 part Scalecide to 15 parts water. Price: 1 qt., 75c; 1 gal., \$1.75; 5 gals., \$6.75; 10 gals., \$12.50.

\***SLUGSHOT**—A light, composite, fine powder applied with dusters or bellows or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc., and it is strongly impregnated with fungicides. Price: Cartons, 20c; 5 lbs., 50c.

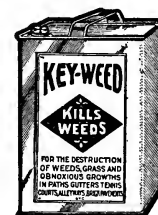
\***SULPHO TOBACCO SOAP**—For killing insects in the window box or conservatory. Price: Small cake, 15c; Large cake, 25c.

**THRIP JUICE**—Effective against Aphis, Red Spider, Soft-Scale and sucking insects generally. A concentrated contact insecticide. Dilute 1 part Thrip Juice with 40 parts of water. Price: ½ pt., 30c; 1 pt., 50c; 1 qt., 85c; 1 gal., \$2.50.

\***TREE TANGLEFOOT (Caterpillar Paste)**—A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. Price: 1 lb. can, 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75.

**VERMINE**—A soil sterilizer and vermicide for cut worms and eel worms, sow bug, root aphids and ants in the soil. Use 1 part Vermine to 400 parts of water. Price: 1 pt., 65c; 1 qt., \$1.00; 1 gal., \$3.00.

**WEED KILLER (Key Weed)**—Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts of water. Price: 1 qt., 70c; 1 gal., \$1.75; 5 gals., \$7.00; 10 gals., \$13.00; 30 gals., \$33.00; 50 gals., \$47.50.



PRICES ON ITEMS MARKED † ARE SUBJECT TO CHANGE. FOR SPRING PRICES, WRITE FOR "FRUITMAN'S GUIDE." READY ABOUT MARCH 1, 1920.

# INSECTICIDES AND FUNGICIDES

Insecticides and Fungicides marked\* can be sent by Parcel Post at Purchaser's expense. Consult your local Post Office for rate from St. Louis. Sorts not marked can not be sent by mail.

## SAVE YOUR CROP BY SPRAYING WITH OUR INSECTICIDES

### \*DEVOE ARSENATE OF LEAD POWDER

**A**N EFFECTIVE insecticide for leaf-eating insects and particularly suitable for very tender foliage. Due to the light fluffy character of this material and its adhesive qualities it insures quick and effective control. Can be used for wet or dry spraying. Write for prices and spray calendar.

### \*DEVOE BORDEAUX MIXTURE (Powder)

**U**SED for all fungus diseases, mildew, blight, etc. Write for prices and spray calendar.

### \*DEVOE "SURE NOXEM" (Dry Form)

**D**EATH to most leaf-eating insects. Used for destroying worms and insects on cabbage, cauliflower, melon-vines, etc. 1 lb. sifter top carton, 25c; 5 lb. pkg., 75c.

### DEVOE ARSENATE OF LEAD PASTE

**F**OR all leaf-eating insects. Adheres perfectly to foliage. Good for potatoes, tobacco and all kinds of fruit trees. Write for prices and spray calendar.

### DEVOE LIME & SULPHUR SOLUTION (Liquid) Guaranteed to Test 33°.

**A**FERTILIZER, a sheep dip, a fungicide. The best spray against San Jose Scale and kindred enemies of the orchard. It is clear, free from insoluble matter, highly condensed and of great strength. Write for prices and spray calendar.

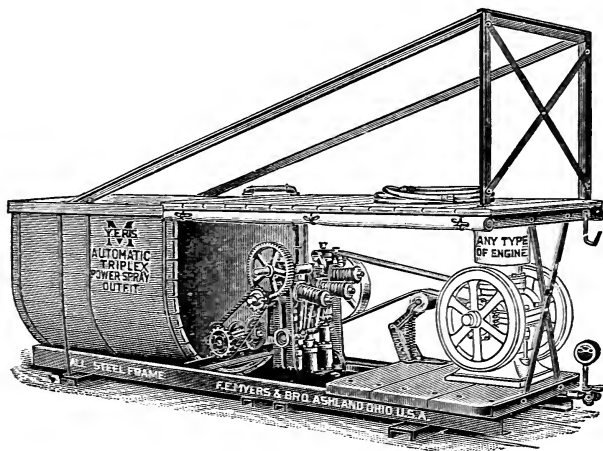
### \*DEVOE PURE PARIS GREEN

**T**HE greenest, brightest and finest Paris Green on the market. Apply dry or in a solution of water. A strong effective poison for potato bugs and other leaf-eating insects. Write for prices and spray calendar.

## MYER'S AUTOMATIC TRIPLEX POWER SPRAY OUTFIT

**F**ITTED with automatic Triplex Pump. Complete except engine. Belt Driven. The automatic pressure governor insures safety, secures uniform pressure and eliminates unnecessary wear. Relief valves not required.

BELT  
DRIVEN  
SIMPLE  
STRONG  
EFFICIENT



THE SPRAYER  
FOR THE  
UP-TO-DATE  
FRUIT  
GROWER

**T**HIS sprayer is furnished with 1 Myer's Spray Gun, 25 feet of ½ in. Myer's Spray High Pressure Discharge Hose with fittings complete. Double cut off for discharge lines, pressure gauge, rotary agitator and belt tightener.

The pump is supported on channel bars riveted to the frame. The engine is mounted on a 2 in. plank platform, so that the customer can set the engine on the rig and dismount when wishing to use it for other purposes. The entire frame work is made of channel and angle iron, making a very stiff frame with the least possible weight.

The tank is made of select cypress and is fitted with rotary agitator with wooden blades. The cab has heavy canvas curtains for protection of the engine and pump. The guard rails on top are to prevent the operator from falling off and fold flat for transportation or storage. Use 2½ or 3 H. P. Engine. Price: F. O. B. Ashland, Ohio, with 150 gal. tank, \$238.00; with 200 gal. tank, \$269.00.

WRITE US YOUR WANTS IN THE SPRAYER LINE. WE KNOW WE CAN SUIT YOU.

# POULTRY SUPPLIES

"THE Largest Poultry Supply House in the West" is our claim and we can supply you with anything you need in the way of poultry supplies as well as live poultry and baby chicks.

We issue a large illustrated poultry catalog which will be mailed you free. We want everybody interested in poultry to have a copy and if you raise poultry, it will pay you to have it.

If you raise poultry or intend to raise poultry, our catalog will be of great assistance to you. Let us know what you need in this line and we will gladly quote you. We can supply **everything for the poultry yard.**

## QUEEN INCUBATORS

### STOP HATCHING WEAK CHICKS

with cheap incubators. A Queen costs but little more, and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you hatch that counts, but how many you raise. Chicks that hatch out weak and wobbly, and live but a few days, mean nothing to you but trouble and loss. They make one sick of the poultry business.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start.

No. 1.....	85 egg	\$25.00	No. 5.....	400 egg	\$ 58.50
No. 2.....	135 egg	34.00	No. 25.....	600 egg	90.00
No. 3.....	180 egg	39.50	No. 35.....	800 egg	125.00
No. 4.....	275 egg	49.50	No. 45.....	1000 egg	160.00

WRITE FOR FREE QUEEN CATALOG WHICH GIVES FULL DESCRIPTION OF EACH MACHINE.

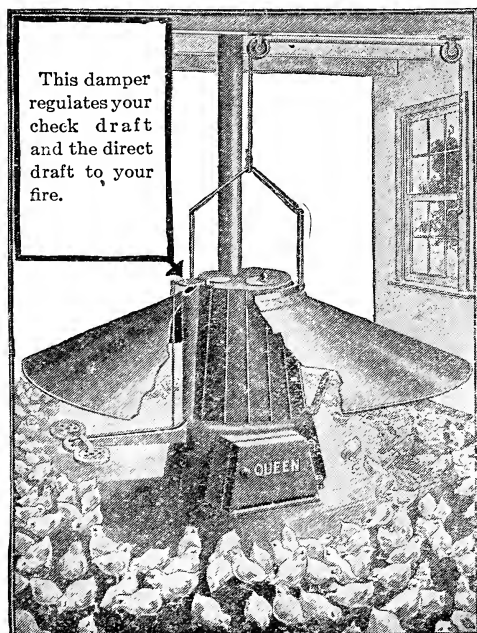


## QUEEN BROODER STOVES

THE Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

There are no drafts on the smoke pipe of the Queen. The check rests on top of the stove and opens outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side to the bottom. This feeds the draft into the fire from underneath with no opening below the hover. As will be seen from the illustration, the check and the draft lids are cast together and operated together. Thus, when the fire is too hot, the wafer expands and closes the draft and opens the check, both at the same time. When it is too cool the wafer contracts and closes the check and opens the draft.

	No. 1 600-Chick Size	No. 2 1200-Chick Size
Height to top of stove.....	18 inches	21 inches
Diameter of cylinder.....	10 "	11 "
Diameter of hover.....	42 "	52 "
Diameter of grate.....	9 "	10 3/4 "
Height of hover from floor.....	8 1/2 "	11 "
Price.....	\$19.75	\$24.75

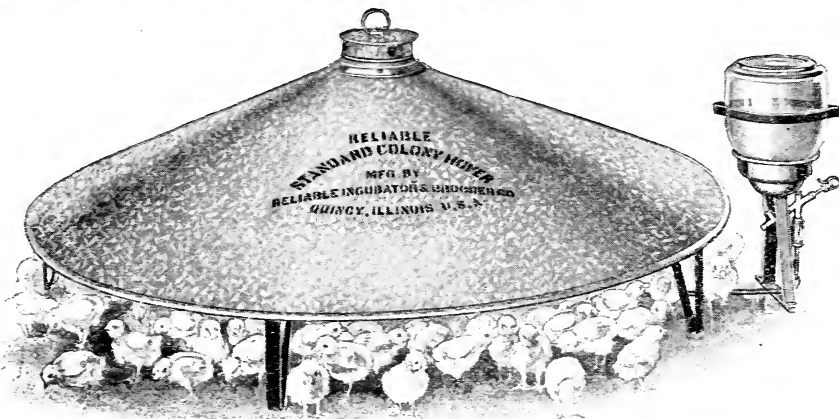


# POULTRY SUPPLIES

## RAISE EVERY CHICK YOU HATCH WITH THIS OIL-BURNING HOVER

**T**HIS is the most popular and efficient hover ever manufactured. It is a proven success. During the past season it attained a position of supremacy hard to equal, much less to excel. Its many fine points has made it appeal to the poultryman and we know that some day it will take the place of the coal brooder entirely.

Burning Coal Oil, which is cheap and always obtainable, is one great thing in its favor. The flow of oil is regulated automatically and economy of operation, simple construction and its excellent hovering ability has made the oil-burning hovers the master of the field.



Oil Burning Hover.

No.	Size Hover	Weight Complete Hover	Price of Heaters Only	Price of Canopy Only	Price of Complete Hover
0	30 inch	40 lbs.	\$10.50	\$ 8.00	\$16.50
1	42 inch	45 lbs.	12.00	10.50	18.50
2	52 inch	55 lbs.	13.50	14.50	22.00

## PRAIRIE STATE INCUBATORS

**T**HE perfect Hot-Air Incubator, with the famous sand-tray moisture pan. The best constructed incubator ever offered the poultryman and it is guaranteed for ten years against defective workmanship or need of repairs through ordinary wear. Well insulated to retain the heat during incubation and sanitary during hatching. Full description in our Poultry Catalog.

Standard Series No. 0, 100 eggs; 135 lbs., crated, price.....	\$27.00
Standard Series No. 1, 150 eggs; 160 lbs., crated, price.....	35.00
Standard Series No. 2, 240 hen eggs; 240 lbs., crated, price.....	50.00
Standard Series No. 3, 390 hen eggs; 325 lbs., crated, price.....	65.00

## INTERNATIONAL HOVERS

**T**HE International Hover is used exclusively in our poultry department and this shows what we think of the International Brooders. They have clearly shown to be the leader when small bunches of chicks are to be hovered.

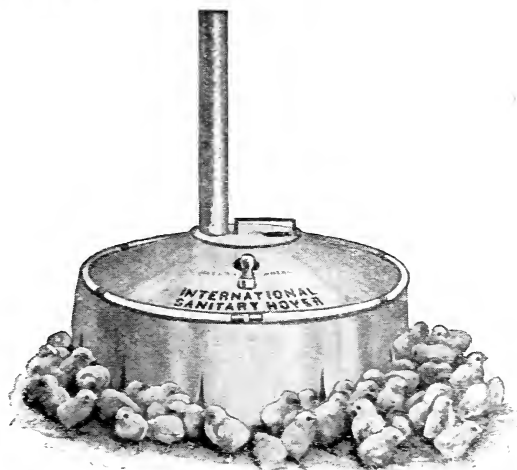
The International Hover is constructed to raise every chick. They are fire-proof and vermin proof. Warmer at the curtain than at the center avoids overcrowding. The lamp can be seen and adjusted by simply lifting it out. You can move the brooder without any trouble. Just pick it up and set it where you want it. Price.....\$12.50

## ECONOMY HOVERS

**S**AFE, convenient and economical. Can be used anywhere with perfect safety and only a small flame is required to keep this hover warm. Curtain is double and made of heavy ducking and outing flannel.

We carry two sizes in stock, as follows:

No. 1. Size 18 in. Drum. Price.....	\$6.00
(Shipping weight, about 20 lbs.)	
No. 2. Size 22 in. Drum. Price.....	\$9.50
(Shipping weight, about 38 lbs.)	



SEND FOR OUR FREE POULTRY CATALOG.

# POULTRY SUPPLIES

## EGG BOXES

### FARMER'S FRIEND EGG CARRIER.

Insures safety of egg transportation through the mails. A boon to poultry raisers everywhere. Light in weight. Strong in construction.

THE Farmer's Friend is the only farmer's egg carrier having solid sides, which protects eggs and fillers from weather.

Capacity	Weights	Each
6 doz.	5 lbs.	\$0.75
9 doz.	6½ lbs.	.80
12 doz.	8 lbs.	.85
15 doz.	9 lbs.	.90

### SAFETY EGG BOXES.

MADE of heavy corrugated paper and patented filler which enables you to ship them with perfect safety. The eggs fit snugly in the filler and it acts like a cushion and keeps the eggs from breaking in transit.

Sizes	Each	Doz.
1 doz. size.	\$0.15	\$1.60
2 doz. size.	.20	2.10
3 doz. size.	.25	2.60
4 doz. size.	.30	3.25
10 doz. size.	.50	5.40

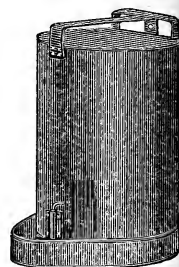
### "HANDY" EGG CARRIER.

THESE boxes are made of heavy Cardboard and hold one dozen eggs. If you sell eggs to regular customers these boxes will prove very satisfactory.

	10	25	50	100	500	1000
2 x 6.	\$0.15	\$0.35	\$0.65	\$1.25	\$6.00	\$11.50
3 x 4.	.10	.25	.50	.90	4.35	8.50



Farmer's Friend Egg Carrier.



Double Wall.



Pagel's Sanitary Fountain.

## FOUNTAINS AND FEEDERS

IMPROVED DROP BOTTOM FOUNTAIN—Double wall, keeps water fresh and pure. Price: 1 gal. size, \$2.25; 2 gal. size, \$2.75; 4 gal. size, \$3.25.

PAGEL'S SANITARY FOUNTAIN—Simple and handy. Keeps the water warm in winter and cool in the summer. Price: 2 gal. size, \$4.00; 3 gal., \$4.50; 5 gal., \$5.75.

MOE'S TOP FILL FOUNTAINS—Fill from the top. Very popular. Price: 1 gal. size, \$2.00; 2 gal., \$2.50.

N-W AUTOMATIC FEEDER & FOUNTAIN—Used with Mason jar for baby chicks for feed or water. Price: 15c each; \$1.75 doz.

SANITARY EARTHEN FOUNTAINS—Made of white stoneware, in two parts. Endorsed by many poultrymen. Price: 2 qt. size, 35c; 1 gal., 50c; 2 gal., 65c.

HANDY DRY HOPPER—For feeding coarse, dry feed. Price: No. 1, \$1.60; No. 2, \$1.90; No. 3, \$2.40; No. 4, \$3.25.



Moe's Round Baby Chick Feeder.

UNIVERSAL ROUND PIGEON HOPPERS—For feeding pigeons or young chicks. A neat, practical and durable hopper. Price: \$2.25.

PAGEL'S ECONOMY FEED HOPPER—Rat, rain and bird-proof. Excellent for feeding dry feeds. Price: 24 qt. size, \$4.25.

FEED-A-GUD CHICK FEEDER—A great feed saver. Best for brooders. Removable top for filling and cleaning. Price: 35c each.

MOE'S ROUND CHICK FEEDER—Chicks cannot spoil or waste food. Easy to fill and clean. Price: Small size, 20c; large size, 35c.

GRIT & SHELL BOX—For feeding grit, shell, etc. Price: Small size, 60c; Large size, \$1.00.

SEND FOR LARGE POULTRY CATALOG.

# MAKE YOUR POULTRY PAY WOLF'S

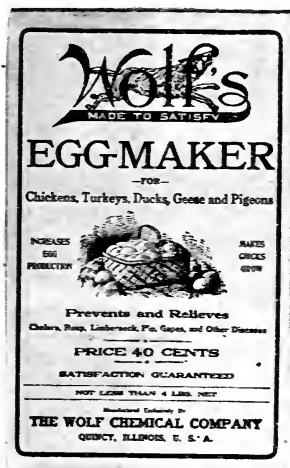
"MADE-TO-SATISFY" POULTRY REMEDIES.

Keep your Poultry Healthy and Free from Vermin.  
Only Healthy Lice-free Poultry are Profitable.

## WOLF'S EGG MAKER.

A granulated Tonic and Egg Producer of the highest quality. It contains a highly concentrated chemical preparation that insures healthier poultry and more eggs.

When regularly used Eggs may be expected throughout the year, for it aids their digestive faculties and prevents many of the causes of non-laying. It keeps the poultry in the "pink" of condition and when your hens are that way, they are bound to lay. Start now and use Wolf's Egg Maker regularly. Two sizes: Small pkg., 40c, Large pkg., 75c.



Egg Maker.



Sure Eggs.

## WOLF'S SURE EGGS.

The Only Pure Chemical Egg Producer Sold.

An absolutely pure tonic. Every ounce is medicine and there is no filler of any kind. Two teaspoonfuls of Sure Eggs is worth a pound of the ordinary Egg Makers and Poultry Powders offered the public.

It is by far the most economical Tonic and Egg Producer to use and success in the poultry business is impossible without the use of a good stimulant and health-builder. Sure Eggs does the work and does it well and if you want to have plenty of eggs at all times, it will pay you to use Sure Eggs. Price: \$1.00, postpaid.



Germite.

## GERMITE.

A Cure and a Preventive of Poultry Ills.

A permanganate potassium solution with iron, for the cure and the prevention of roup, colds, etc., in poultry. It is the wonder worker in the poultry remedy line and its merits as a real cure for roups, colds, cholera, bowel trouble and other complaints, cannot be overestimated. As a preventative of these troubles and the spreading of these contagious diseases, Wolf's Germite is unequalled.

Use Germite in the drinking water about twice a week and then see your poultry troubles vanish. It is the cheapest and most economical poultry medicine ever used and the cost is trifling when we consider the great results obtained from the proper use of Germite. Comes in Tablet or Liquid. Tablets only can be mailed. Price: 75c, postpaid.

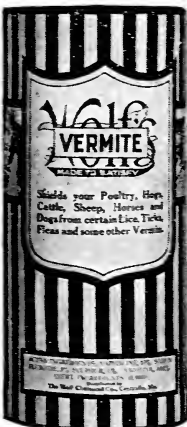


Germite.

## VERMITE.

Destroys Vermin.

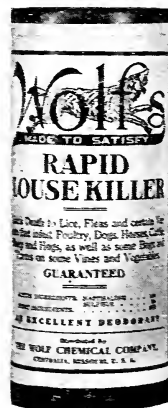
Read the government bulletin on Poultry Lice and then you will realize why Vermite stands supreme as the one efficient louse killer. It is the only powder offered the poultryman today that contains Sodium Fluoride, recommended by government experts and the most effective way of destroying poultry lice. Vermite has no equal when it comes to combatting these pests and lousy poultry is the worst paying investment a poultryman can have. Get rid of the lice by using Vermite and then you will find a bigger balance on the profit side of your poultry books. Large size, 50c; postpaid, 58c.



Vermite.

## RAPID LOUSE KILLER.

A louse powder of real merit and we recommend it very highly where people insist on having a louse powder. However, it has not the high quality and effectiveness of Vermite and therefore we would advise the use of Vermite as a superior louse powder. Get rid of the lice by all means and Rapid Louse Killer will assist you in overcoming these pests. Price: 30c; postpaid, 35c.



Rapid Louse Killer.

## SPECIAL OFFER.

To introduce the "Big Three" of the Wolf Chemical Company, we will send you for \$2.00 the following articles:

1 pkg. Germite Tablets.....	\$0.75
1 pkg. Sure Eggs.....	1.00
1 pkg. Vermite.....	.50

Regular Value.....\$2.25

Mailed, postpaid for.....\$2.00

WE PAY THE WAR-TAX ON ALL WOLF POULTRY REMEDIES.

# POULTRY REMEDIES

**CONKEY'S ROUP PILLS**—For the individual treatment of birds and for use in show room. Price: Pkgs., 32c and 63c.

**CONKEY'S ROUP REMEDY**—This truly superior remedy is used in every country. Price: Pkgs., 32c, 63c and \$1.25.

**CONKEY'S CANKER SPECIAL**—Price: Pkg., 63c.

**CONKEY'S CHOLERA REMEDY**—Must be given in the drinking water. Price: Pkgs., 32c and 63c.

**CONKEY'S GAPE REMEDY**—A reliable remedy for this disease. Price: Pkgs., 32c and 63c.

**CONKEY'S WHITE DIARRHOEA REMEDY**—Prevents and is a remedy for this disease. Price: Pkgs., 32c and 63c.

**CONKEY'S SCALY LEG REMEDY**—Destroys the parasite that causes scaly legs. Price: 32c.

**CONKEY'S BLACK-HEAD REMEDY**—A special remedy for blackhead, prevalent among turkeys. Price: 63c.

**CONKEY'S HEAD LICE-OINTMENT**—For lice on baby chicks. Price: 15c and 30c.

**CONKEY'S POULTRY WORM REMEDY**—A necessary article for the poultryman. Price: 32c.

**CONKEY'S POULTRY TONIC**—A laying tonic, moulting powder and regulator of high type. Price: Pkgs., 32c and 63c; 12 lb. pails, \$1.67; 25 lb. pails, \$3.12.

**CONKEY'S NOX-I-CIDE**—A truly wonderful disinfectant. Price: 1 pt., 50c; 1 qt., 75c; 2 qts., \$1.25; 1 gal., \$2.00.

**CONKEY'S LOUSE POWDER**—Keeps your poultry free from lice. Price: Pkgs. 30c and 60c.

**CONKEY'S LICE LIQUID**—An insecticide of great strength. Price: 1qt., 75c; 2 qts., \$1.25; 1 gal., \$2.00.

**PRATT'S POULTRY REGULATOR**—Builds up the vitality of your poultry. Price: Pkgs., 32c and 63c; 12 lb. pail, \$1.82; 25 lb. pail, \$3.12.

**PRATT'S ROUP REMEDY**—Gives almost instant relief. Price: 32c and 63c.

**PRATT'S CHOLERA REMEDY**—Valuable for treating Cholera. Price: 32c and 63c.

**PRATT'S BRONCHITIS REMEDY**—Use this remedy for the treatment of Bronchitis. Price: 63c.

**LEE'S GERMOZONE**—For the prevention and cure of poultry ills. Price: 12 oz., 78c; 32 oz., \$1.56.

**LEE'S LICE KILLER**—Rid your poultry house of lice. Very strong disinfectant. Price: 50c, 75c and \$1.25.

**LEE'S EGG MAKER**—A concentrated preparation for keeping your hens in laying condition and a conditioner of great merit. Price: 37c and 78c; 12 lb. pail, \$2.08; 25 lb. pail, \$3.64.

**DR. HESS' POULTRY PANACEA**—Makes poultry healthy; makes hens lay. Price: 37c; 5 lb. pkg., 78c.

**CHOLERINE**—To avoid disease and cure your poultry. Tablet or liquid. Price: 68c.

**LICENE**—A real lice exterminator. Price: 60c.

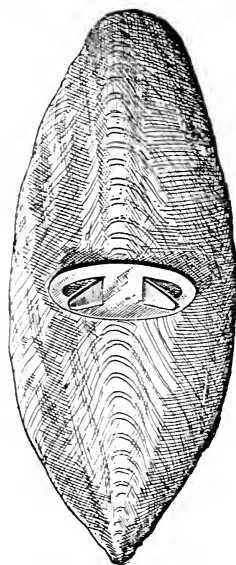
**EGG-O-LATUM**—For preserving eggs. Price: 50c.

**EGG-O-HATCH**—For bettering the incubator hatch. Strengthens the chick and weakens the shell. Price: 50c.

WE HANDLE EVERYTHING FOR THE POULTRYMAN.



# BIRD SUPPLIES



Cuttle Bone with Holder.



Bird Tonic.

**ST. ANDREASBERG SPECIAL MIXED BIRD SEED**—The most popular feed ever mixed. Contains the finest re-cleaned canary seed, rape seed, lettuce, etc., that is highly relished by the birds. Fanciers all over the country use our St. Andreasberg mixture. Price: Per lb., 30c; postpaid, 35c.

**"RAPECANARY" SPECIAL**—A mixture of rape and canary seed that contains a quantity of healthful composition very beneficial to either old or young birds. Price: Per lb., 30c; postpaid, 35c.

**CUTTLE BONE**—Do not fail to feed your bird Cuttle Bone. It is as important to the canary as salt is to the human being. Ours is the genuine Treiste Bone. Price: Each without holder, 10c; 3 for 25c, postpaid. Brass Holder only, 10c, postpaid.

**BIRD MANNA**—A great moulting season food. Birds are very fond of it. It is a food and medicine combined, also a song restorer. To be fastened inside of cage near perch. Price: Per pkg., 16c, postpaid.

**PETERS' SONG RESTORER**—In this composition we offer a combination food and tonic as well as a song restorer combined. It should be fed during a cold or moulting season; in fact, it is ideal to feed at any time. Price: Per bottle, 30c; postpaid, 35c.

**EGG FOOD**—A restorer for weak and sickly birds. Feed to healthy birds once a week. It will keep them in full song. Also fine for young birds. Price: Per bottle, 30c; postpaid, 35c.

**BIRD TONIC**—A valuable remedy for all song birds, invigorating. Should be given to canaries often in order to keep them in perfect singing order. Price: Per bottle, 32c; postpaid, 37c.

**GRAVEL PAPER**—Our gravel paper is made up like sand paper; very novel and clean; fits in bottom of cage. Price: Per pkg. of 12 sheets, 20c; by mail, 25c, postpaid.

**MOCKING BIRD FOOD**—Prepared from a formula of our own. It is very invigorating to canaries, as well as to mocking birds. It contains a great amount of nutriment in condensed form. We handle only 1-lb. jars. Price: 35c each; by mail, 45c postpaid.

**NESTLING FOOD**—A food for young birds. Ready for immediate use and young birds will thrive on it better than on anything else. It will keep indefinitely and is also useful as a tonic and song restorative. Price: 30c; postpaid, 35c.

**MOULTING PEPPER**—For the moulting bird. Used as an artificial diet and the new feathers will be of reddish hue and when bird is through moulting, return to regular feed. Price: 30c; postpaid, 35c.

**BIRD EYE WATER**—A specific for the cure of sore eyes and inflammation of the eye-lid of all kinds of cage birds and other pets. Price: 32c; postpaid, 37c.

**BIRD SALVE**—For use for sore feet, swollen or sore legs; ulcers, etc., on birds. Price: 26c, postpaid.

**ORANGE COLOR FOOD**—When fed during moulting time it produces various beautiful units of orange, lemon, deep orange and reddish orange. To obtain the best results, feed the bird liberally while moulting. Price: 30c; postpaid, 35c.

**BIRD GRAVEL**—Prepared especially for Canaries and other cage birds. It assists digestion and should be freely sprinkled over the bottom of the cage. Price: Pkg., 10c; by mail, 20c.

**BIRD LICE POWDER**—For lice on birds. Ready and easy to apply. Price: Pkg., 30c, postpaid.

**SPRATT'S LICE POWDER**—For mites, lice and other pests on birds. Price: Pkg., 30c, postpaid.

**PARROT SUPPLIES**—Mixed sunflower and hemp seed—an ideal feed for your parrot. Price: Per lb., 25c; postpaid, 30c.

## BIRD SEEDS.

	Per lb.	Post-paid
Bird Millet.....	\$0.20	\$0.25
Hemp Seed.....	.20	.25
Canary Seed.....	.30	.35
Bird Rape.....	.30	.35
Sicily Canary.....	.30	.35

**MAMMOTH RUSSIAN SUNFLOWER SEED**—Relished by all parrots. Price: Per lb., 25c; postpaid, 30c.

**PARROT GRIT**—A composition of iron tonic, ground and pulverized especially for parrots and all large birds; it imparts vigor, robust and good health, and is very effective in warding off disease. Price: Pkg., 10c postpaid, 20c; doz., \$1.00.

## MISCELLANEOUS SUPPLIES.

	Each	Post-paid
Cage Brackets, brass.....	\$0.35	\$0.40
Cage Perches.....	.10	.15
Cage Springs.....	.25	.30
Cage Swings, with knob.....	.35	.40
Bird Nests, wire.....	.15	.20
Bird Nesting.....	.10	.10

FOR COMPLETE LIST OF BIRD SUPPLIES, CAGES, ETC., WRITE  
FOR OUR FREE POULTRY CATALOG.



# PLAN FOR HOME GARDEN



Sweet Corn			3 ft.
Pole or Bush Limas			3 ft.
Tomatoes			8 ft.
Okra			2 ft.
Pepper			2 ft.
Egg Plants			2 ft.
Cabbage			2 ft.
Cauliflower			2 ft.
Swiss Chard			2 ft.
Lettuce			2 ft.
Parsley	Leek	Celery	2 ft.

14 ft.

WALK

2½ ft.	Rhubarb
2½ ft.	Asparagus
4 ft.	Early Peas
2 ft.	Sets for Green Onions
2 ft.	Sow Seeds for Large Onions
3½ ft.	Radish
3½ ft.	Spinach
2 ft.	Beets
2 ft.	Carrot
2 ft.	Parsnip
4 ft.	Dwarf Beans

14 ft.

## GROW VEGETABLES—PLANT A HOME GARDEN

The past season has shown a remarkable increase in the number of people who made a garden, and this season will, from present indications show a larger increase.

To get the best results from your garden, you must have good soil, well cultivated, well fertilized and drained, and the highest quality of seeds. While the cost of seed

is the smallest item, it is really the most important, get our "Pure and Sure" Seeds and you will have results. We list on Page 4, a Garden Collection of 15 varieties for 50c.

For the convenience of those who have only a limited space at their command, the accompanying plan is suggested as an aid in laying out a small garden.

## REFERENCE TABLE

Number of Plants to the acre at given distance.

Dis. apart	No. Plants	Dis. apart	No. Plants	Dis. apart	No. Plants	Dis. apart	No. Plants
12x12 inches	43,550	30x12 inches	17,424	36x24 inches	7,260	48x24 inches	5,445
18x12 "	29,050	30x18 "	12,100	36x36 "	4,840	48x36 "	3,630
18x18 "	19,360	30x24 "	8,712	42x12 "	12,446	48x48 "	2,720
24x18 "	15,520	30x30 "	6,970	42x24 "	6,223	60x36 "	2,901
24x24 "	10,890	36x12 "	14,520	48x12 "	10,890	60x48 "	2,178
30x6 "	34,848	36x18 "	9,680	48x18 "	7,790		

## HORTICULTURAL BOOKS

Agriculture, the Principles of—Prof L. H. Bailey..	\$2.00
Alfalfa—E. D. Coburn.....	.75
Apple Culture—Bailey.....	.75
Asparagus Culture.—F. M. Hexamer.....	.75
Cabbages, Cauliflower—C. L. Allen.....	.75
Celery Culture—T. Greiner.....	.75
Corn Judging, Manual of—A. D. Shamel.....	.75
Fruit Harvesting, Storing, Marketing—F. A. Waugh	1.60
Gardening for Pleasure—Peter Henderson.....	1.75
Gardening for Profit—Peter Henderson.....	1.75
Garden-Making—Prof. L. H. Bailey.....	1.75
Garden Guide—The amateur Gardener.....	.75
How to Make the Garden Pay—Gardener.....	1.25
Irrigation Farming—Lute Wilcox.....	2.00
Landscape Gardening—F. A. Waugh.....	1.00
Mushroom Culture—W. Robinson.....	1.00
Mushrooms: How to Grow Them—Wm. Falconer..	1.50

Onion Culture, The New—Greiner.....	.75
Orcharding-Productive—Sears.....	1.75
Peach Culture, Revised—Fulton.....	1.00
Peanut Plant—B. W. Jones.....	.50
Pomology, Systematic—F. A. Waugh.....	1.60
Rhubarb Culture—Morse.....	.75
Soiling Crops and the Silo—Thomas Shaw.....	1.75
Spraying Crops—C. M. Weed.....	.75
Strawberry, The A B C of the—Terry and Root..	.50
Strawberry Culturist—Andrew S. Fuller.....	.40
Sweet Potato Culture—Fitz.....	.75
Tobacco Culture.....	.25
Truck Farming in the South—Dr. A. Oemler.....	1.50

### FLOWERS.

Bulb Culture—Henderson.....	\$0.50
Floriculture, Practical—Henderson.....	1.50

## POULTRY BOOKS

A Little Journey among Anconas—Sheppard.....	\$1.00
The Call of the Hen-Hogan.....	2.00
The Chick Book.....	.50
Egg Record and Account Book.....	.25
Eggs and Egg Farms.....	.50
Poultry Architecture.....	.75
Poultry Houses and Fixtures.....	1.00
Standard of Perfection.....	2.50
Producing Poultry Profitable—Quissenberry.....	3.50
Success with Hens—Joos.....	1.00
Successful Poultry Keeping.....	1.00
\$4,223 Profit from a Town Lot in one Year.....	1.00
A to Z of Pigeons and Bantams—Lancey.....	.50
National Standard Squab Book.....	1.00

Squabs for Profit.....	.65
Canary Birds.....	.50
Feathered Pets—Chas. N. Page.....	.25
Aquaria—Page.....	.25
Goldfish Varieties and Tropical Aquarium Fishes...	3.00
Gibson Rabbit Book and Standard.....	1.00
Rabbit Culture and Standard.....	.50
A B C X Y Z of Bee Culture.....	3.00
Biggle Bee Book.....	.50
Bee Keeping—Philips.....	2.00
Productive Bee Keeping.....	2.00
The Cavy—Wagner.....	.25
The Art of Basket Making—Grey.....	2.00
Raffia-Work—Bowes.....	1.50

## ST. LOUIS SEED COMPANY'S CALENDAR FOR SEED PLANTERS IN THE LATITUDE OF ST. LOUIS

**JANUARY**—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

**FEBRUARY**—Sow in Hot-Bed—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

**MARCH**—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. Sow in Open Ground—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

**APRIL**—Sow in Hot-Bed—Cucumber, Egg Plant, Melon, Pepper, Tomato. Sow in open ground—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets.

**MAY**—Sow in open ground—English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon, Okra, Onion, Parsley,

Parsnip, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

**JUNE**—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

**JULY**—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

**AUGUST**—Sow in Open Ground—Bush Beans, Corn, Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. Plant Winter Onions.

**SEPTEMBER**—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. Plant Winter Onions. Write for St. L. S. Co.'s Bulb Catalogue.

**OCTOBER**—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

**NOVEMBER**—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

# INDEX

## GARDEN SEED

	Page
Artichoke . . . . .	4
Asparagus . . . . .	4
Beans . . . . .	5, 6, 7, 8
Beets . . . . .	9, 10
Brussels Sprouts . . . . .	10
Cabbage . . . . .	12, 13
Cardoon . . . . .	15
Carrot . . . . .	14
Cauliflower . . . . .	11
Celeriac . . . . .	11
Celery . . . . .	15
Chicory . . . . .	19
Chinese Cabbage . . . . .	11
Collards . . . . .	15
Corn Salad . . . . .	19
Corn, Pop . . . . .	17
Corn, Sweet . . . . .	16, 17
Cress . . . . .	19
Cucumber . . . . .	18
Dandelion . . . . .	19
Egg Plant . . . . .	20
Endive . . . . .	19
Garlic . . . . .	27
Herbs . . . . .	38
Kale . . . . .	20
Kohlrabi . . . . .	20
Leek . . . . .	21
Lettuce . . . . .	21, 22, 23
Mangels . . . . .	10
Melon, Musk . . . . .	24, 25
Melon, Water . . . . .	25
Mushroom Spawn . . . . .	26
Mustard . . . . .	21
Okra . . . . .	26
Onions . . . . .	27
Onion Sets . . . . .	27
Oyster Plant . . . . .	26
Parsley . . . . .	38
Parsnip . . . . .	30
Peas . . . . .	29, 30
Pepper . . . . .	32
Potatoes . . . . .	31, 32
Potatoes, Sweet . . . . .	32
Pumpkin . . . . .	32
Radish . . . . .	34, 35
Rhubarb . . . . .	35
Rutabaga . . . . .	38
Salsify . . . . .	26
Spinach . . . . .	33
Squash . . . . .	33
Strawberry Plants . . . . .	39
Swiss Chard . . . . .	10
Tobacco . . . . .	35
Tomato . . . . .	36, 37
Turnip . . . . .	38
VEGETABLE PLANTS . . . . .	39

## FLOWER SEED

Abronia.....	52
Abutilon.....	52
Acacia.....	52
Achillea.....	52
Aconitum.....	53
Acroclium.....	52

	Page
Adlumia . . . . .	53
Adonis . . . . .	53
Ageratum . . . . .	52
Agrostemma . . . . .	53
Alyssum . . . . .	53
Amaranthus . . . . .	53
Ampelopsis . . . . .	53
Anchusa . . . . .	53
Anemone . . . . .	53
Anthemis . . . . .	53
Antigonon . . . . .	53
Antirrhinum . . . . .	54
Aquilegia . . . . .	55
Arabis . . . . .	55
Arctotis Grandis . . . . .	55
Asparagus . . . . .	55
Asters . . . . .	56
Balloon Vine . . . . .	57
Balsam . . . . .	58
Beans, Scarlet Runner . . . . .	58
Begonia . . . . .	58
Bellis Perennis . . . . .	58
Brachycome . . . . .	58
Cacalia . . . . .	59
Calceolaria . . . . .	59
Calendula . . . . .	59
Calliopsis . . . . .	59
Canary Bird Vine . . . . .	59
Candytuft . . . . .	59
Canna . . . . .	59
Campanula . . . . .	59
Cardinal Climber . . . . .	59
Carnation . . . . .	60
Celastrum . . . . .	60
Centaurea . . . . .	61
Chinese Wool- flower . . . . .	84
Chrysanthemum . . . . .	61
Cineraria . . . . .	61
Clarkia . . . . .	61
Clematis . . . . .	61
Cleome . . . . .	61
Climbers . . . . .	63
Cobaea . . . . .	63
Coleus . . . . .	63
Convallaria . . . . .	63
Coreopsis . . . . .	63
Cosmos . . . . .	62
Cotton . . . . .	63
Cuphea . . . . .	63
Cyperus . . . . .	63
Cypress Vine . . . . .	63
Dahlia . . . . .	64
Daisy, Shasta . . . . .	61
Daturus . . . . .	63
Delphinium . . . . .	64
Dianthus . . . . .	65
Digitalis . . . . .	63
Dolichos . . . . .	65
Dracaena . . . . .	64
Erysmum . . . . .	65
Eschscholtzia . . . . .	66
Euphorbia . . . . .	65
Ferns . . . . .	66
Feverfew . . . . .	66
Forget-me-not . . . . .	66

	Page
Four O'Clock . . . . .	66
Fuchsia . . . . .	66
Gaillardia . . . . .	67
Geraniums . . . . .	67
Globe Amaranth . . . . .	67
Gloxinia . . . . .	67
Godetia . . . . .	67
Gourds, Ornamental . . . . .	68
Grasses, Ornamental . . . . .	68
Grevillea . . . . .	68
Gypsophila . . . . .	68
Helichrysum . . . . .	68
Heliotrope . . . . .	68
Heuchera . . . . .	69
Hibiscus . . . . .	69
Hollyhocks . . . . .	69
Hop . . . . .	69
Hunneemannia . . . . .	69
Ice Plants . . . . .	69
Impatiens Sultana . . . . .	69
Kochia . . . . .	69
Kudzu Vine . . . . .	69
Lantana . . . . .	70
Larkspur . . . . .	70
Lemon Verbena . . . . .	70
Linaria . . . . .	70
Linum . . . . .	70
Lobelia . . . . .	70
Lupinus . . . . .	70
Lychnis . . . . .	70
Marigold . . . . .	71
Marvel of Peru . . . . .	71
Mignonette . . . . .	71
Mimulus . . . . .	71
Moonflower . . . . .	72
Morning Glory . . . . .	72
Myosotis . . . . .	66
Nasturtium . . . . .	73
Nemophila . . . . .	72
Nicotiana . . . . .	72
Nigella . . . . .	72
Oenothera . . . . .	73
Pansy . . . . .	74
Passiflora . . . . .	74
Penstemon . . . . .	76
Perennial Peas . . . . .	75
Perilla . . . . .	76
Petunia . . . . .	75
Phacelia . . . . .	76
Phlox . . . . .	76
Physalis . . . . .	76
Platycodon . . . . .	76
Poppy . . . . .	77
Portulaca . . . . .	76
Potentilla . . . . .	78
Primroses . . . . .	77
Primula . . . . .	77
Pyrethrum . . . . .	78
Rhodanthe . . . . .	78
Ricinus . . . . .	78
Rudbeckia . . . . .	78
Salpiglossis . . . . .	78
Salvia . . . . .	78
Scabiosa . . . . .	79
Schizanthus . . . . .	79

	Page
Sensitive Plants. . . . .	82
Shasta Daisy. . . . .	61
Silene. . . . .	82
Smilax. . . . .	82
Solanum. . . . .	82
Statice. . . . .	82
Stocks. . . . .	79
Stokesia. . . . .	82
Sunflower. . . . .	82
Sweet Peas. . . . .	80, 81
Sweet Rocket. . . . .	82
Sweet William. . . . .	82
Thunbergia. . . . .	83
Verbena. . . . .	83
Vinca. . . . .	83
Violets. . . . .	83
Virginia Stocks. . . . .	83
Viscaria. . . . .	83
Wahlenbergia. . . . .	83
Wall Flower. . . . .	83
Wild Cucumber. . . . .	84
Willow Flower	
Garden. . . . .	84
Woolflower. . . . .	84
Zinnia. . . . .	84

## FIELD SEED

Barley . . . . .	45
Broom Corn . . . . .	45
Buckwheat . . . . .	45
Canada Peas . . . . .	45
Cane . . . . .	46
Clovers . . . . .	44
Corn, . . . . .	
Field . 40, 41, 42, 43	43
Peterita . . . . .	46
Grasses . . . . . 48,	49
Kaffir Corn . . . . .	46
Lawn Grass . . . . .	49
Milo Maize . . . . .	46
Millet . . . . .	46
Oats . . . . .	46
Pasture Mixtures . . . . .	46
Peas, Cow . . . . .	45
Potatoes . . . . . 31,	32
Rape . . . . .	45
Red Top . . . . .	48
Rye . . . . .	45
Soy Beans . . . . .	45
Sudan Grass . . . . .	48
Sunflower . . . . .	46
Timothy . . . . .	48
Vetch . . . . .	46
Wheat . . . . .	47
<b>LAWN GRASS</b>	
<b>SEED</b> . . . . .	49

## BULBS & ROOTS

Amaryllis.....	94
Calladiums.....	94
Cannas.....	92, 93
Cinnamon Vine..	94
Dahlia.....	96, 97
Gladioli.....	98, 99

	Page
Madeira Vine. . . . .	94
Peonies. . . . .	95
Tuberose. . . . .	95

## TREES & SHRUBS

Altheas	87
Ampelopsis Veitchii	87
Aristolochia	
Sipho	87
Blackberries	90
California Privets	88
Calycanthus	87
Clematis	87
Currants	90
Deutzias	87
Forsythias	88
Fruit Trees	91
Gooseberries	90
Grapes	90
Hedge Plants	88
Honeysuckle	88
Hydrangea	88
Junipers, Irish	88
Lilacs	89
Raspberries	90
Roses	85, 86
Shade Trees	90
Snowball	89
Spiraea	89
Syringa	89
Tamarix	89
Weigelia	89
Wistaria	89

## MISCELLANEOUS


Bird Supplies . . . .	125
Books, Horti- cultural . . . . .	127
Dahlia Poles . . . .	110
Fertilizers . . . . .	111
Flower Boxes . . . .	108
Flower Pots . . . . .	108
Garden Hose . . . .	109
Garden Tools . . . . .	106, 107, 108
Insec- ticides . . . . .	116, 117, 118, 119
Lawn Mowers . . . .	100, 101
Lawn Rollers . . . .	102
Lawn Sprinklers . .	109
Planet Jr. Tools . . . . .	103, 104, 105
Plant Stakes . . . .	110
Pot Labels . . . . .	110
Poultry Supplies . . . . .	120 to 125
Seeders . . . . .	102
Skinner System . .	110
Sprayers, 112, 113, 114, 115	
Tree Tubs . . . . .	108



THIS IS THE HOME OF "PURE AND SURE" SEEDS.  
 THE GREAT DEMAND FOR "PURE AND SURE" SEEDS FORCED US TO INCREASE  
 OUR QUARTERS. ARROW INDICATES RECENT ADDITION.

# *PLANT* *"PURE AND SURE"* *SEEDS*

ST. LOUIS SEED CO.  
ST. LOUIS  
MO.

A detailed black and white illustration of fresh vegetables. On the left is a large, crinkled head of lettuce. To its right are two ears of corn, standing vertically, showing their kernels and husks. In the bottom right corner, there is a cluster of radishes with their leafy tops.

LETTUCE  
GRAND  
RAPIDS  
PACKET 10¢

SWEET CORN  
GOLDEN BANTAM  
PACKET 10¢

ONE PACKET EACH  
OF THESE THREE  
POPULAR HOME  
GARDEN VEGETABLES

**25¢** *Post Paid*

RADISH  
FIRE BALL  
PACKET 10¢